



North Dakota Office of State Tax Commissioner
Cory Fong, Tax Commissioner

Motor Fuels

EDI Implementation Guide

June 2004
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ANSI ASC X12 V.4030

**(Adapted from the FTA Electronic Combined
Reporting Methods Implementation Guide)**



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References

ASC X12

The Accredited Standards Committee
Subcommittee - X12G – Government
Task Group 2 (X12G/TG2)
Tax Information Interchange Development
TIGERS
Web site: ***www.x12.org***

ASC X12 Standards Manual

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FTA Uniformity Guide

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It is recommended that you refer to the FTA Uniformity Guide to implement the Motor Fuels Uniformity methods.

Introduction

Chapter 1 - Introduction

The North Dakota Office of State Tax Commissioner (Tax Commissioner) is expanding its electronic filing program. The following returns are included in the new filing program:

- Form S01 – Motor Vehicle Fuel
- Form J01 – Special Fuels
- Form J11 – Liquefied Petroleum Gas
- Form H01 – Aviation Fuel Tax
- Terminal Operators

General Information

Electronic Data Interchange (EDI) is the electronic exchange of business documents from one company's computer to another company's computer in machine-processable formats. The direct, computer-to-computer exchange of business information reduces the expense associated with processing paper (opening envelopes, logging in of documents, etc.) as well as the costs, errors and time delays associated with data entry. Companies in industries of all kinds have found that EDI makes tremendous economic sense. Government agencies such as the Tax Commissioner naturally see the value in reducing the paper-intensive component of motor fuels taxation by implementing EDI.

Advantages

Using EDI will result in a reduction of paperwork and its associated costs.

EDI will eliminate postal delays and associated late filing penalties.

Fuel tracking will be computerized, giving the Tax Commissioner tools to reduce fraud, and therefore giving honest fuel distributors an even playing field.

Detailed audit trail of the tax return.

This EDI Implementation guide follows version 4030 of the EDI ANSI ASC X12 standards. This guide's purpose is to assist you in implementing and filing EDI for motor fuel returns and reports.

Contact Information

EDI Coordinator:	Kevin Schatz
Phone:	(701) 328-3657
Fax:	(701) 328-1283
E-mail:	<i>kschatz@state.nd.us</i>

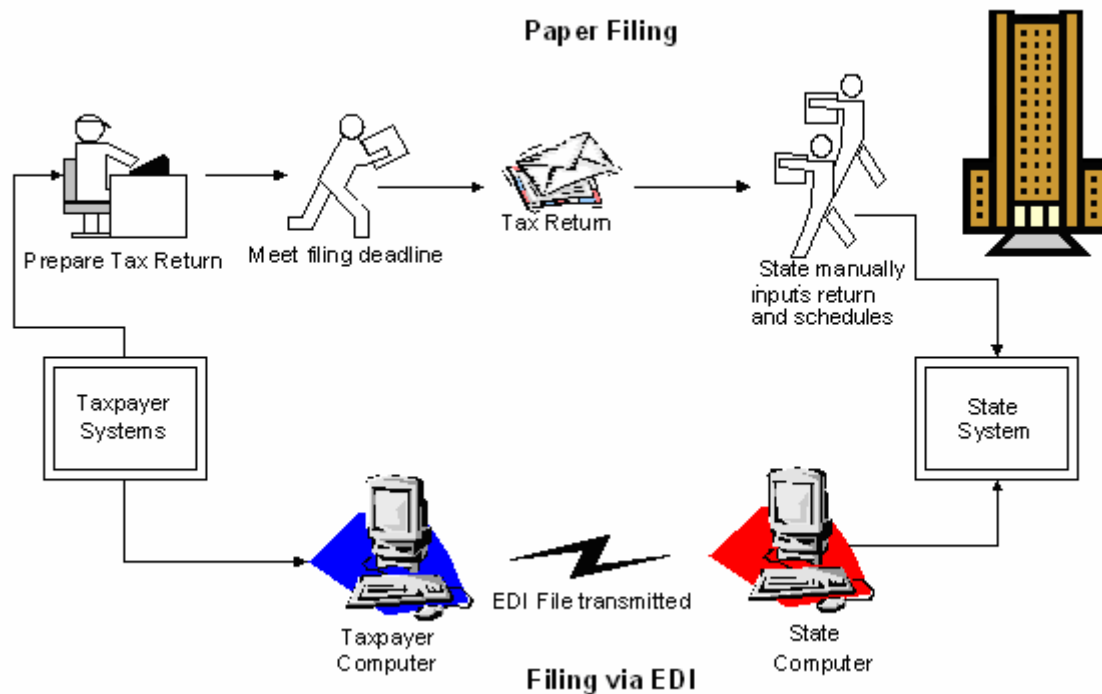
Note:	All correspondence should be sent to the following address:
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	North Dakota Office of State Tax Commissioner Motor Fuels Tax Section 600 E Boulevard Ave. Bismarck, ND 58505-0599
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Understanding EDI

EDI is used extensively in industry. For example, the retail and manufacturing industries cut purchase orders, send invoices, process shipping notifications, and make payments; all electronically. The time saved and accuracy gained using EDI gives businesses a competitive advantage, reducing lead-time, and vastly reducing data entry errors. It also reduces the need to store reams of paper documents for future reference.

EDI may seem complex, but once the basics are understood, the concept is really quite simple. As stated earlier, EDI is a method to electronically exchange business documents using a standard format. To facilitate this exchange of documents, two things are needed. First, the taxpayer (or trading partner) needs a method to send and receive electronic documents. Second, the taxpayer needs software to translate schedules and tax returns into the standard EDI format.



EDI 813 Version

North Dakota is using the ANSI ASC X12 Version Release 004030 EDI standards for the EDI 813 (Electronic Filing of Tax Return Data) transaction set. Many states have implemented, or are planning on implementing, the EDI 813 for motor fuel tax filing. Previous releases of the EDI 813 transaction set allowed for individual state variations in EDI filing. Version 4030 promotes uniformity in motor fuel tax filing. As states migrate to the 4030 version, filers will be able to create a more generic EDI map, reducing the effort needed to track individual state variations.

EDI Filing Method

The Tax Commissioner will accept EDI files via a secure web application. For more information about filing procedures, see Appendix B on Filing Procedures.

Introduction

EDI File Naming Convention

Format: **NDFedIDSuffixyyyymm.edi**

“ND” is the state abbreviation

“FedIDSuffix” is the 9 digit Federal ID and 2 digit suffix

“yyyymm” is the reporting period year and month

Example: **ND12345678970200401.edi**

“ND” for North Dakota

“12345678970” for the 9digit Federal ID and 2 digit suffix

“200401” for the reporting year and month

The EDI 997 (Functional Acknowledgment) returned to the filer will match the name of the EDI 813 with the addition of a unique number assigned by the Tax Commissioner preceding the “.ack” extension, which will replace the “.edi” extension.

The Tax Commissioner will acknowledge as follows:

“ND12345678970200401.edi” will be acknowledged with “ND123456789702004012.ack”

The Tax Commissioner prefers to receive all Tax Reports and Terminal Operator Reports in a single file (using separate 813 Transaction Sets). However, the filer can choose to send each Tax Report and Terminal Operator Report in separate files.

EDI File Structure

Each 813 (return) must be submitted with its own ST loop (ST segment through SE segment). Multiple ST-SE loops can be submitted under one ISA envelope or each can be sent under a separate ISA envelope. Please remember, the ISA15 controls the test/production indicator; test and production returns cannot be combined under the same ISA envelope.

Available EDI Filing

The following returns may be filed via EDI:

- Form J01 - Special Fuels Tax Report
- Supporting Schedules for J01
 - Special Fuel Schedule of Gallons Received
 - Special Fuel Schedule of Gallons Disbursed
- Form J11 – Liquefied Petroleum Tax Report
- Supporting Schedules for J11
 - Liquefied Petroleum Schedule of Gallons Received
 - Liquefied Petroleum Schedule of Gallons Disbursed
- Form S01 – Motor Vehicle Fuel Tax Report
- Supporting Schedules for S01
 - Motor Vehicle Fuel Schedule of Gallons Received
 - Motor Vehicle Fuel Schedule of Gallons Disbursed
- Form H01 – Aviation Fuel Tax Report
- Supporting Schedules for H01

- Aviation Fuel Schedule of Gallons Received
- Aviation Fuel Schedule of Gallons Disbursed
- Terminal Operator Report
- Supporting Schedules
 - Terminal Operator Schedule of Receipts
 - Terminal Operator Schedule of Disbursements

EDI Timely Filing

The due date for filing your Motor Fuel Tax Return and Schedules via EDI is on or before the 25th day of the month following the month of activity. This means the EDI filing must be both transmitted and received by the Tax Commissioner on or before the 25th day of the month.

If a return due date falls on a holiday or weekend, the tax return is due no later than the first business day after the holiday or weekend. Timely returns are based on the date of receipt of the electronic return by the Tax Commissioner.

HOLIDAY SCHEDULE

New Year's Day	January 1
Martin L. King Day	Third Monday in January
President's Day	Third Monday in February
Memorial Day	Last Monday in May
Independence Day	July 4
Labor Day	First Monday in September
Veteran's Day	November 11
Thanksgiving Day	Fourth Thursday in November
Christmas Day	December 25

NOTE: Office of State Tax Commissioner Holiday - When a legal holiday falls on a Sunday, it will be observed on the following Monday. When a legal holiday falls on a Saturday, it will be observed on the preceding Friday.

EDI Certification Procedures

- 1) Prior to submitting an EDI file for testing you must complete a Trading Partner Agreement and mail an original signed copy to the Tax Commissioner's office. A copy of the Trading Partner Agreement can be found in Appendix A.
- 2) You are required to file paper reports until you have successfully completed the testing phase and are approved for production using Version 4030.
- 3) Please submit your last month's tax return as your test return. You must submit a test file for each return (Motor Vehicle Fuels, Special Fuels, Aviation Fuels, LPG, and Terminal Operator) you file.
- 4) Whenever you send a file to the Commissioner's office, download your 997 acknowledgment to check whether your test passed the initial edits.
- 5) The files are processed each business day, translated and reviewed by the Commissioner's office. Your 997 will be available within 24 hours after the date of transmission.
- 6) After receiving your initial test, we will notify you of the results. Additional testing may be required.

Introduction

- 7) After successfully completing all phases, you will be notified in writing that you may begin production EDI filing of your reports.
- 8) Whenever you make a significant change to your program, you should run another test with us to ensure accuracy and reliability.

EDI Production Filing Procedures

1. Before filing a production return, your company must have completed successful test returns. See EDI Testing Procedures for further instruction on test filings.
2. After completing the testing phase, you will be notified **in writing** when you are to begin production EDI filing.
3. Filers in production status should no longer send paper returns.
4. When filing a production return, remember to change your ISA15 (test/production flag) from 'T' to 'P'.
5. Follow the steps listed in Appendix B (Filing Procedures) to transmit your file.
6. Check for your 997 acknowledgement within 24 hours after submitting your production file. If you have not received a 997 within 24 hours, it is your responsibility to contact the Commissioner's office.
7. Your filing is considered timely filed when you have received an 'Accepted' 997 acknowledgement.

Introduction

EDI Acknowledgments

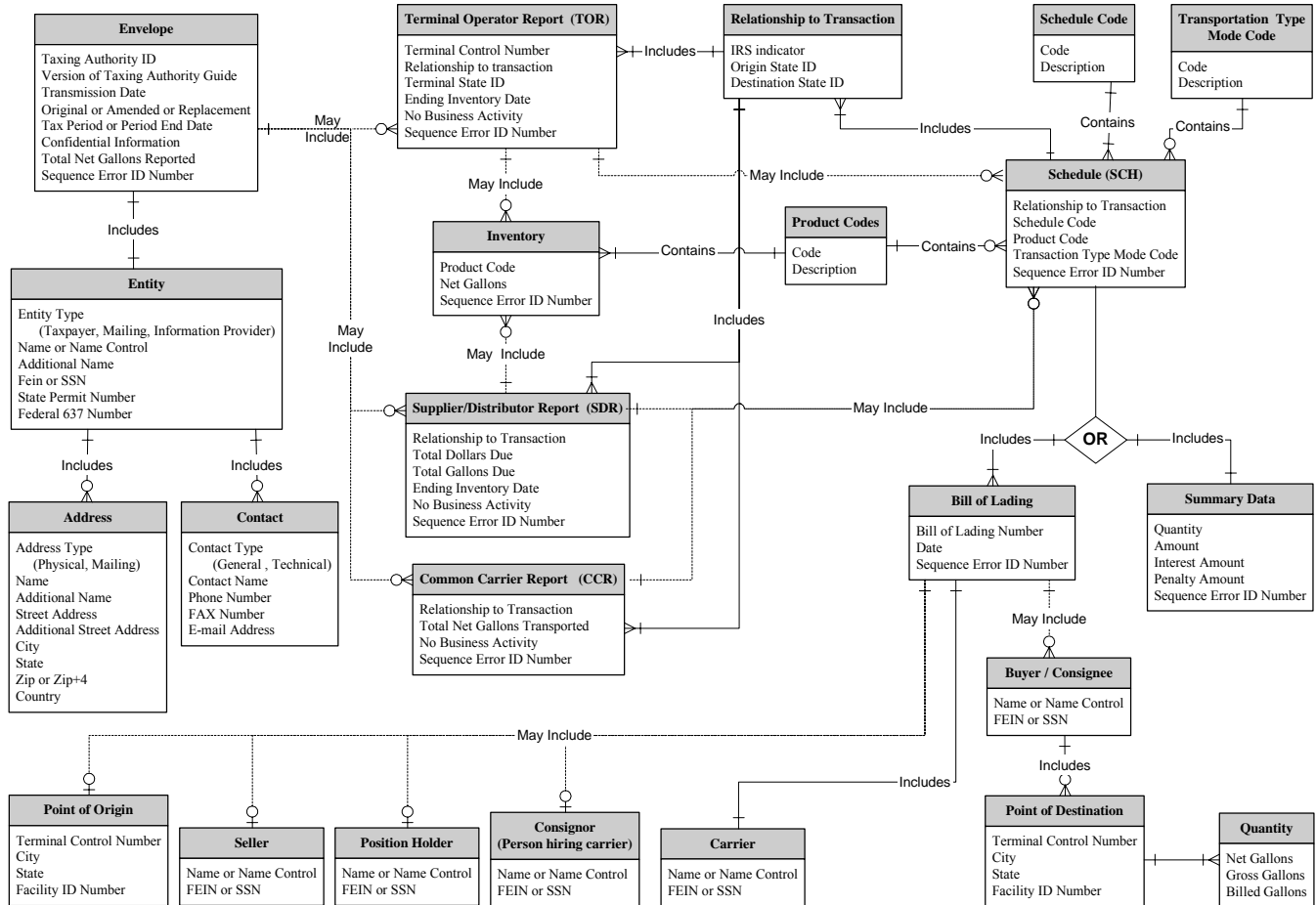
Normally vendors/taxpayers will be able to retrieve an EDI 997 (Functional Acknowledgment) within 24 hours after transmission of the EDI tax filing. Check the EDI 997 to determine that the filing was received and whether it passed EDI syntax checks. If the vendor/taxpayer cannot retrieve the EDI 997 within 24 hours, he should contact the Tax Commissioner. If an EDI 997 cannot be retrieved within 24 hours it is the vendor/taxpayer's responsibility to follow up and contact the Tax Commissioner's office.

Please note that receipt of an EDI 997 only signifies that the EDI tax filing was received by the Tax Commissioner; it does not signify that the electronic return and schedules were an acceptable filing. The electronic return and schedules will be checked further for accuracy. The Tax Commissioner will contact the vendor/taxpayer if there are any questions regarding the return, or if any corrections are required.

FTA Review

This guide was submitted to the FTA Uniformity Committee for approval and in June, 2004, was found to be substantially compliant. The guide is compliant with FTA standards; with the exception of requiring a two-digit suffix on the FEIN reported in schedule detail.

Chapter 2 - Motor Fuels X12 Data Model



X12 Conventions

Chapter 3 – X12 Attribute and Separator Conventions

Attributes

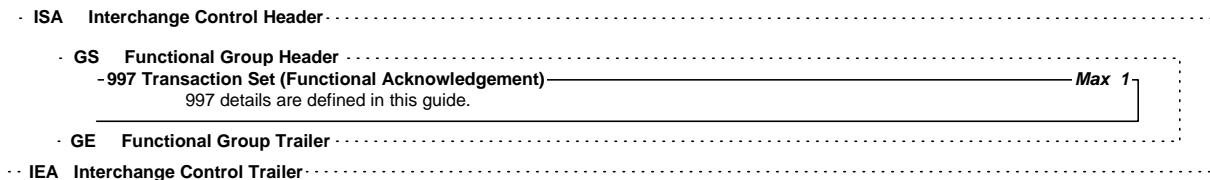
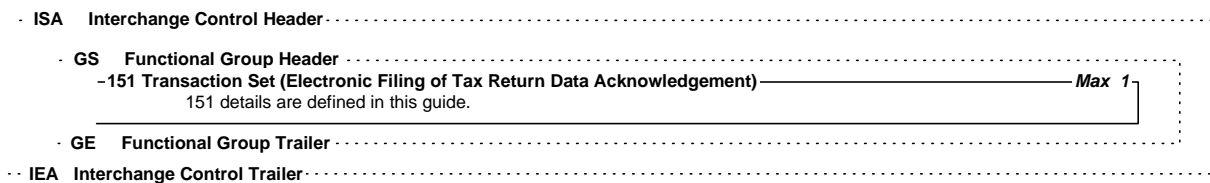
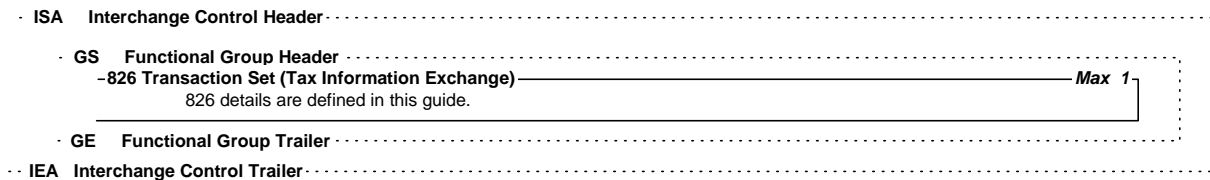
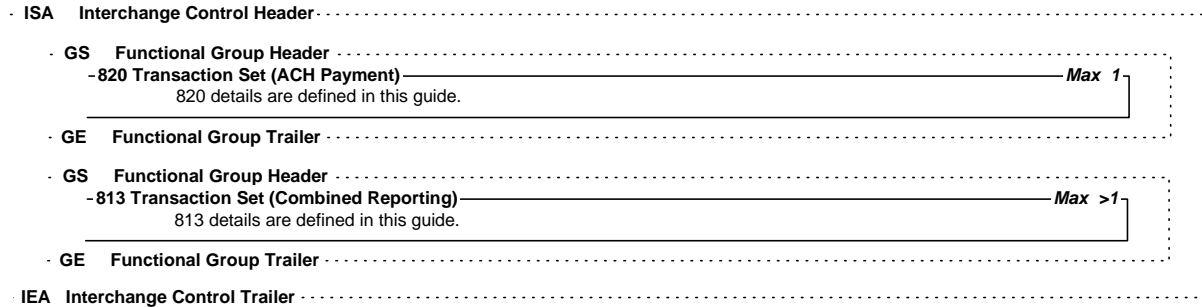
Attribute	Definition
Data Element Type	<p>Nn – Numeric Numeric type data element is symbolized by the two-position representation (Nn). N indicates a numeric, and n indicates the decimal places to the right of a fixed, implied decimal point. N0 (N Zero) is a numeric with no decimal places.</p> <p>R – Decimal (Real) The decimal point is optional for integer values, but is required for fractional values. For negative values, the leading minus (-) sign is used. Absence of this sign indicates a positive value. The plus (+) sign should not be transmitted.</p> <p>ID – Identifier An identifier data element must always contain a value from a predefined list of values that is maintained by ASC X12 or by other bodies that are recognized by ASC X12.</p> <p>AN – String A string (Alphanumeric) is a sequence of any characters from the basic or extended character sets. It must contain at least one non-space character. The significant characters must be left justified. Leading spaces, if any, are assumed to be significant. Trailing spaces should be suppressed.</p> <p>DT – Date Format for the date type is CCYYMMDD. CC is the century digits of the year (ex. 19, 20). YY is the last two digits of the year (00-99), MM is the numeric value of the month (01-12), and DD for the day (01-31).</p> <p>TM – Time Format for the time type is HHMMSS, expressed in 24-hour clock format. HH is the numeric value for hour (00-23), MM for minute (00-59), and SS for second (00-59).</p>
Requirement Designator	<p>Defines how the data element is used in a segment.</p> <p>M Mandatory data element - This element is required to appear in the segment.</p> <p>O Optional data element - The appearance of this data element is at the option of the sending party or is based on a mutual agreement of the interchange parties.</p> <p>X Relational data element - Relational conditions may exist between two or more data elements. If one is present the other/s is required. The relational condition is displayed under the Syntax Noted of the X12 Standards.</p>
Data Element Length	The number of character positions assigned to a data element. Example: Data element length of 2/10. You must have at least 2 characters but no more than 10 characters for this element (minimum of 2/ maximum of 10).
Semantic Note Designator	<p>Z – Designator A data element within a segment may have a designator (Z) that indicates the existence of a semantic note. Semantic notes are considered part of the standard. If a condition designator and a semantic note both affect a single data element, the condition will appear first, separated from the semantic note designator by a vertical bar (). The number 00 to the left of the comment identifies semantic notes that are general in nature.</p>

Separator Requirements

Type	ASCII Value	EBCDIC Value	Character	Character Name
Repetition Separator	7C	4F		Pipe
Segment Terminator	5C	E0	\	Back Slash
Element Separator	7E	A1	~	Tilde
Sub-element Separator	5E	5F	^	Caret
Padding Character	20	40	Space	Space

Chapter 4 – X12 EDI Envelope

Envelope Flows



X12 Conventions

Key:

Not Used

Syntax Notes

FTA Notes

ND Notes

Struck-out Text

Not used: no data to transmit
Note: Notes defined by X12 Standards
Note: Notes defined by FTA Uniformity
Note: Notes defined by the North Dakota Department of Revenue to further clarify the Department's requirements
Text, elements or entire segments that are struck out (example), are part of the Uniform map, but are not used by North Dakota

Interchange Control Header Description

Interchange Segment								(Required)
Element ID	Elem Ref #	Sub-Ele Ref#	Field Status	Field Name	Field Type	Length		Field Description
						Min.	Max.	
ISA01	I01		M	Authorization Information Qualifier	ID	2	2	“00” = No Authorization Information Present (No Meaningful Information In Isa02)
ISA02	I02		M	Authorization Information	AN	10	10	Information used for additional identification or authorization of the interchange sender or the data in the interchange. Enter 10 Spaces
ISA03	I03		M	Security Information Qualifier	ID	2	2	“00” = No Security Information Present (No Meaningful Information In ISA 04)
ISA04	I04		M	Security Information	AN	10	10	This is used for identifying the security information about the interchange sender or the data in the interchange. Enter 10 spaces.
ISA05	I05		M	Interchange ID Qualifier	ID	2	2	“ZZ” = ID qualifier published by the sender used to designate the sender ID element being qualified.
ISA06	I06		M	Interchange Sender ID	AN	15	15	Filer FEIN plus two digit suffix, followed by 4 spaces
ISA07	I05		M	Interchange ID Qualifier	ID	2	2	“ZZ” = ID qualifier published by the receiver used to designate the receiver ID element being qualified.
ISA08	I07		M	Interchange Receiver ID	AN	15	15	‘ND0’ followed by 12 spaces
ISA09	I08		M	Interchange Date	DT	6	6	“YYMMDD” = Date Of The Interchange
ISA10	I09		M	Interchange Time	TM	4	4	“HHMM” = Time Of The Interchange
ISA11	I65		M	Repetition Separator		1	1	“ ” = EBCDIC - 4F HEX ASCII - 7C HEX
ISA12	I11		M	Interchange Control Version Number	ID	5	5	“00403”
ISA13	I12		M	Interchange Control Number	N0	9	9	The interchange control number uniquely identifies the interchange data to the sender. The sender assigns this number.
ISA14	I13		M	Acknowledgment Requested	ID	1	1	“0” = No Acknowledgment Required
ISA15	I14		M	Usage Indicator	ID	1	1	“P” = Production Data “T” = Test Data
ISA16	I15		M	Component Sub-Element Separator		1	1	“^” = EBCDIC - 5F HEX ASCII - 5E HEX
ISA~00~ ~00~ ~ZZ~12345678970 ~ZZ~ND0 ~031022~0835~ ~00403~000000001~0~T~^\\								
Syntax Notes:		None						
FTA Note:		ISA09 does not include the century based on the ANSI ASC X12 Standard.						
ND Note:		ISA08 is formatted as ND0 (zero)						

Functional Group Header Description

Functional Group Segment								(Required)
Element ID	Elem. Ref #	Sub-Ele Ref#	Field Status	Field Name	Field Type	Length		Field Description
						Min.	Max.	
GS01	479		M	Functional Identifier Code	ID	2	2	“TF” for 813 Transaction Set “FA” for 997 Transaction Set
GS02	142		M	Application Sender’s Code	AN	2	15	Code identifying party sending transmission. Code assigned by sender and agreed to by trading partner. Filer FEIN plus two digit suffix
GS03	124		M	Application Receiver’s Code	AN	2	15	Code identifying party receiving transmission. Code assigned by receiving and agreed to by trading partner. ‘ND813050CP’
GS04	373		M/Z	Date	DT	8	8	“CCYYMMDD” = Date
GS05	337		M/Z	Time	TM	4	8	“HHMMSSDD” = Time
GS06	28		M/Z	Group Control Number	N0	1	9	Assigned number originated and maintained by the sender.
GS07	455		M	Responsible Agency Code	ID	1	2	“X” = ASC X12
GS08	480		M	Version/ Release / Industry Identifier Code	AN	1	12	“004030”
GS~TF~12345678970~ND813050CP~20031022~0835~1101~X~004030\								
Syntax Notes:				None				
FTA Note:				None				

813 Electronic Filing of Tax Return Data – see page 5-17

997 Functional Acknowledgement – see page 6-48

X12 Conventions

Functional Group Trailer Description

Functional Group Segment								(Required)
Element ID	Elem Ref #	Sub-Ele Ref#	Field Status	Field Name	Field Type	Length		Field Description
						Min.	Max.	
GE01	97		M	Number Of Transaction Sets Included	N0	1	6	Count of transaction sets within this GS/GE.
GE02	28		M/Z	Group Control Number	N0	1	9	The data interchange control number in the trailer must be identical to the same data element in the associated functional header (GS06).
GE~1~1101\								
Syntax Notes: None								
FTA Note: None								

Interchange Control Trailer Description

Interchange Segment								(Required)
Element ID	Elem Ref #	Sub-Ele Ref #	Field Status	Field Name	Field Type	Length		Field Description
						Min.	Max.	
IEA01	116		M	Number Of Included Functional Groups	N0	1	5	Count of Function Groups Within This ISA/IEA.
IEA02	112		M	Interchange Control Number	N0	9	9	The interchange number in the trailer must be identical to the same data element in the associated interchange header (ISA13).
IEA~1~000000001\								
Syntax Notes: None								
FTA Note: None								

Chapter 5 - 813 EDI Combined Reporting

ANSI ASC X12 – 813 EDI Standard

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TRANSACTION SET TABLES • 813

813 Electronic Filing of Tax Return Data

FUNCTIONAL GROUP: **TF**

This Draft Standard for Trial Use contains the format and establishes the data contents of the Electronic Filing of Tax Return Data Transaction Set (813) for use within the context of an Electronic Data Interchange (EDI) environment. This transaction set can be used by tax filers to electronically file tax returns with a federal, state, or local taxing authority and which may initiate payments related to the tax return.

Table 1

NOTE	POS.NO.	SEG.ID	NAME	REQ.DES.	MAX USE	LOOP REPEAT
	0100	ST	Transaction Set Header	M	1	
	0200	BTI	Beginning Tax Information	M	1	
	0300	DTM	Date/Time Reference	M	10	
N	0400	TIA	Tax Information and Amount	O	1000	
	0430	REF	Reference Identification	O	10	
	0450	TRN	Trace	O	1000	
	0470	BPR	Beginning Segment for Payment Order/Remittance Advice	O	1000	
		LOOP ID - N1				>1
N	0500	N1	Name	O	1	
	0600	N2	Additional Name Information	O	2	
	0700	IN2	Individual Name Structure Components	O	10	
	0800	N3	Address Information	O	2	
	0900	N4	Geographic Location	O	1	
	1000	PER	Administrative Communications Contact	O	2	

Table 2

NOTE	POS.NO.	SEG.ID	NAME	REQ.DES.	MAX USE	LOOP REPEAT
		LOOP ID - TFS				100000
	0100	TFS	Tax Form	O	1	
	0200	REF	Reference Identification	O	10	
	0300	DTM	Date/Time Reference	O	10	
	0400	MSG	Message Text	O	1000	
		LOOP ID - N1				>1
N	0500	N1	Name	O	1	
	0600	N2	Additional Name Information	O	2	
	0700	IN2	Individual Name Structure Components	O	10	
	0800	N3	Address Information	O	2	
	0900	N4	Geographic Location	O	1	
		LOOP ID - TIA				10000
N	0920	TIA	Tax Information and Amount	O	1	
	0940	DTM	Date/Time Reference	O	10	
	0960	MSG	Message Text	O	1000	
		LOOP ID - FGS				100000
	1000	FGS	Form Group	O	1	
	1100	REF	Reference Identification	O	10	
	1200	DTM	Date/Time Reference	O	10	
		LOOP ID - N1				>1
N	1300	N1	Name	O	1	

DECEMBER 1999

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¹ Data Interchange Standards Association, Inc. (DISA)

EDI 813 Mapping

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1400	N2	Additional Name Information	O	2		
1500	IN2	Individual Name Structure Components	O	10		
1600	N3	Address Information	O	2		
1700	N4	Geographic Location	O	1		
LOOP ID - TIA					10000	
N	1800	TIA Tax Information and Amount	O	1		
	1900	DTM Date/Time Reference	O	10		
	2000	MSG Message Text	O	1000		

Table 3

NOTE	POS.NO.	SEG.ID	NAME	REQ.DES.	MAX USE	LOOP REPEAT
	0100	SE	Transaction Set Trailer	M	1	
Changes loop repeat value in table/positions 1/0500, 2/0500 and 2/1300.						6 205299

NOTES

- 1/0400 The TIA segment allows for tax information and amounts associated with the entire filing. At least one occurrence of the TIA segment must be present in the transaction set, either in Table 1 or Table 2.
- 1/0500 This N1 loop reflects names and addresses associated with the entire filing.
- 2/0500 This N1 loop reflects names and addresses associated with a particular tax form (TFS).
- 2/0920 At least one occurrence of the TIA segment must be present in the transaction set, either in Table 1 or Table 2.
- 2/1300 This N1 loop reflects names and addresses associated with a particular subset of a tax form.
- 2/1800 At least one occurrence of the TIA segment must be present in the transaction set, either in Table 1 or Table 2.

² Data Interchange Standards Association, Inc. (DISA)

813 Structure

Struck-out Text

Text, elements or entire segments that are struck out (**example**), are part of the Uniform map, but are not used by North Dakota

Table1

Pos No	Uniform 813 Map	Header
0100	ST	Transaction Set Header
0200	BTI	Identify Tax Agency Information
0300	DTM	Tax Filing Period
0400	TIA	Version of Taxing Authority's Implementation Guide
0400	TIA	Confidential Information
0400	TIA	Total Net Reported
0430	REF	Sequence ID Number
0500	N1	Taxpayer Name Detail
0600	N2	Additional Taxpayer Name Detail
0800	N3	Address Detail
0900	N4	City, State, Zip Code Detail
1000	PER	General Contact Person
1000	PER	EDI Contact Person
0500	N1	Mailing Name Detail
0600	N2	Additional Mailing Name Detail
0800	N3	Mailing Address Detail
0900	N4	Mailing City State Zip Code Detail

Table 2

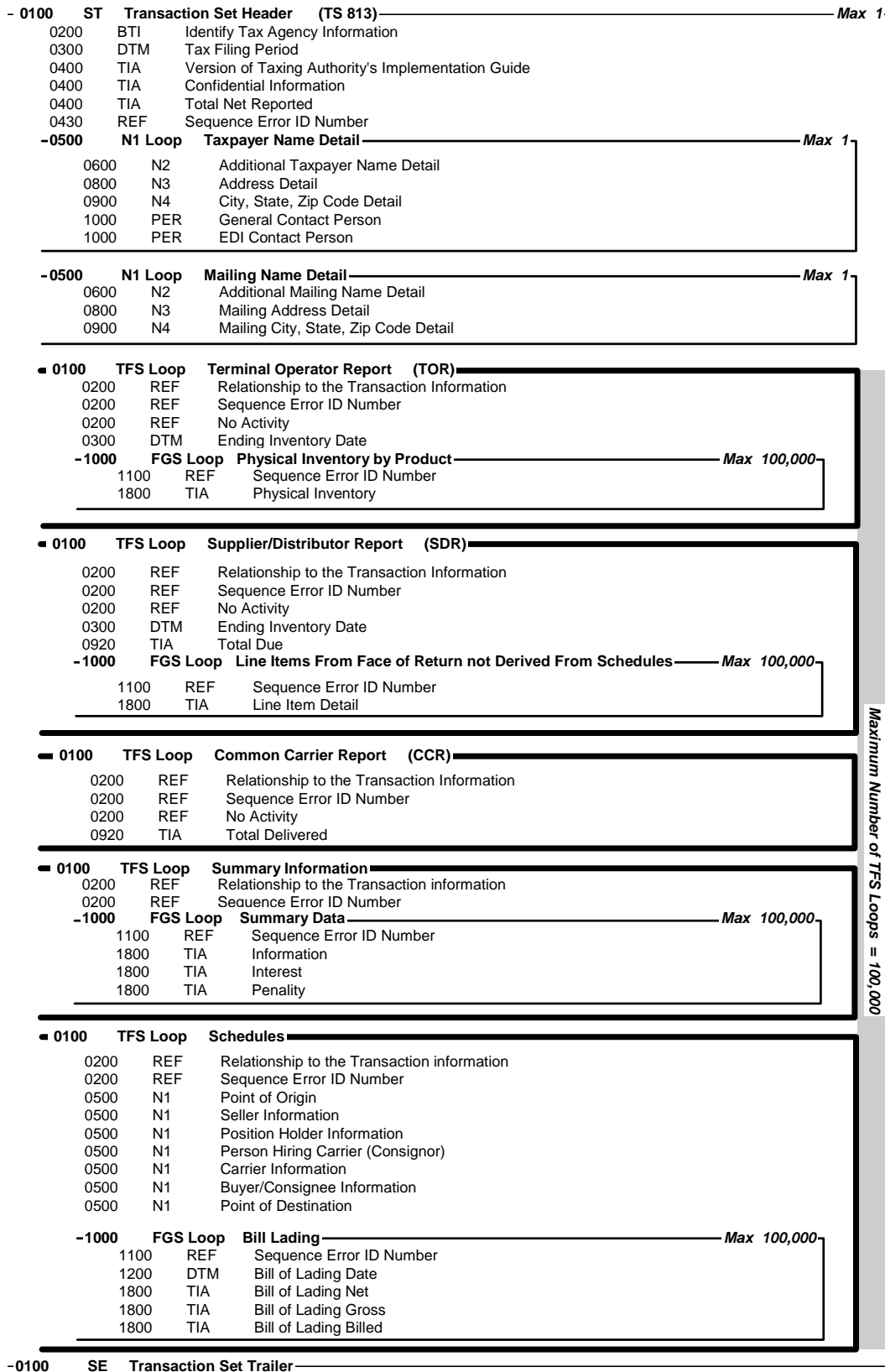
Pos No	Uniform 813 Map	TOR	SDR	CCR	SUM	SCH
0100	TFS	Terminal Operator Report	Supplier/Distributor Report	Common Carrier Report	Summary Information	Schedules
0200	REF	Relationship to the Transaction	Relationship to the Transaction	Relationship to the Transaction	Relationship to the Transaction	Relationship to the Transaction
0200	REF	Sequence ID Number	Sequence ID Number	Sequence ID Number	Sequence ID Number	Sequence ID Number
0200	REF	No Activity	No Activity	No Activity		
0300	DTM	Ending Inventory Date	Ending Inventory Date			
0500	N1					Point of Origin
0500	N1					Seller Information
0500	N1					Position Holder Information
0500	N1					Person Hiring Carrier (Consignor)
0500	N1					Carrier Information
0500	N1					Buyer/Consignee Information
0500	N1					Point of Destination
0920	TIA		Total Due	Total Delivered		
1000	FGS	Physical Inventory by Product	Physical Inventory by Product		Summary Data	Bill of Lading
1100	REF	Sequence ID Number	Sequence ID Number		Sequence ID Number	Sequence ID Number
1200	DTM					Bill of Lading Date
1800	TIA	Physical Inventory	Physical Inventory		Information	Bill of Lading Net
1800	TIA				Interest	Bill of Lading Gross
1800	TIA				Penalty	Bill of Lading Billed

Table 3

Pos No	Uniform 813 Map	Trailer
0100	SE	Transaction Set Trailer

EDI 813 Mapping

813 Map Flow



Maximum Number of TFS Loops = 100,000

813 EDI Map

FTA Motor Fuel Tax Section Uniformity Committee

The Combined Reporting map is based on Uniform Forms adopted by the Uniformity Committee of the Motor Fuel Tax Section of the Federation of Tax Administrators. This Map is consistent with ANSI ASC X12 version 4030 standards. Any taxing authority implementing EC programs is asked to utilize this document when mapping their motor fuel tax returns/reports.

EDI 813 Mapping

Key:

Not Used	Not used: no data to transmit
Syntax Notes	Note: Notes defined by X12 Standards
FTA Notes	Note: Notes defined by FTA Uniformity
ND Notes	Note: Notes defined by the North Dakota Department of Revenue to further clarify the Department's requirements
Struck-out Text	Text, elements or entire segments that are struck out (example), are part of the Uniform map, but are not used by North Dakota

Transaction Set Header Description

Beginning of Transaction Set Header Segment								(Required) Pos. No. 0100
Element ID	Elem Ref #	Sub-Ele Ref #	Field Status	Field Name	Field Type	Length Min Max		Field Description
ST01	143		M	Transaction Set Code	ID	3	3	Transaction Set Type "813"
ST02	329		M	Transaction Set Control Number	AN	4	9	Filer defined unique control number (same value as SE02)
ST03	1705		O/Z	Implementation Convention Reference	AN	1	5	Version of Taxing Authority's implementation Guide '1' = North Dakota Version 1
ST~813~1001~1\								
Syntax Notes: None								
FTA Note: It is recommended that the ST03 be used to help identify which implementation guide the trading partner is using. This element will help the receiver of the data determine if the sender is using an old guide or the most current guide for the data transmission.								
ND Notes: North Dakota requires use of ST03								

Identify Tax Agency Information Begin Tax Information Segment								(Required) Pos. No. 0200
Element ID	Elem Ref #	Sub-Ele Ref #	Field Status	Field Name	Field Type	Length Min Max		Field Description
BTI01	128		M	Reference Number Qualifier	ID	2	2	"T6" = Defines as Tax Filing
BTI02	127		M	Reference Number	AN	3	3	Determined by FTA "050" = All Fuels Tax Filings
BTI03	66		M	ID Code Qualifier	ID	2	2	"47" = Tax Authority
BTI04	67		M	ID Code	AN	2	20	Determined by Tax Authority 'ND'
BTI05	373		O	Transaction Create Date	DT	8	8	"CCYYMMDD" = Transmission Date
BTI06	818		O	Name Control ID	AN	4	4	First 4 positions of Taxpayer's Legal Business Name. If business name is less than 4 characters, left justify name control and pad with "*".
BTI07	66		X	ID Code Qualifier	ID	2	2	"24" = FEIN Federal Employer Identification Number "34" = Social Security Number
BTI08	67		X	ID Code	AN	9	15	Taxpayer's FEIN or SSN
BTI09	66		X	ID Code Qualifier	ID	2	2	"49" = State (assigned) Identification Number
BTI10	67		X	ID Code	AN	2	20	License or Permit Number
BTI11	66		X	ID Code Qualifier	ID	2	2	"SV" = Electronic Filer ID Number
BTI12	67		X	ID Code	AN	9	15	State assigned Software Identification
BTI13	353		O	Transaction Set Purpose Code	ID	2	2	Original Filing Options: "00" = Original
BTI14	640		O	Transaction Type Code	ID	2	2	Amended Filing Options: "6S" = Supplemental "CO" = Corrected

BTI~T6~050~47~ND~20010523~ABCD~24~516999988~49~1234~~~00\	
Syntax Notes: If either BTI07 or BTI08 is present, then the other is required. If either BTI09 or BTI10 is present, then the other is required. If either BTI11 or BTI12 is present, then the other is required.	
FTA Notes: BTI07 must be the FEIN if the taxpayer has one. Submit a SSN only for sole proprietorships that have not been issued a FEIN. The application of BTI13 and BTI14 are as follows: BTI13 should be used when the taxpayer transmits their initial return (BTI13 should be used without BTI14); BTI14 should be used when the taxpayer transmits modifications (BTI14 should be used without BTI13). This is a recommendation of the Motor Fuel Uniformity Committee, not a requirement of X12. Further clarification of these elements is located below.	
Element	Application
BTI13 [Initial Return]	
"00" = Original	Use "Original" when first attempting to transmit your return to the department whether the return is received or not. Always use "00" until the original return is received.
"05" = Replace	Use "Replace" when first attempt of transmitted return had corrupted data.
"15" = Resubmission	Use "Resubmission" when the Department did not receive first attempt of your transmitted return.
BTI14 [Amended Return]	
"CO" = Corrected	Use "Corrected" when adjusting or correcting original or amended return.
"6R" = Resubmission	Use "Resubmission" when first attempt to transmit amended return was not received by the Department.
"6S" = Supplemental	Use "Supplemental" when transmitting new or additional data not included in original or amended return.

Tax Filing Period							(Required)	
Date/Time Reference Segment							Pos. No. 0300	
Element ID	Elem Ref #	Sub-Ele Ref #	Field Status	Field Name	Field Type	Length		Field Description
						Min	Max	
DTM01	374		M	Date/Time Qualifier	ID	3	3	"194" = Tax Period End Date
DTM02	373		X	Date	DT	8	8	"CCYYMMDD" = Tax Filing Period End
DTM03 and DTM04 are not used.								
DTM05	1250		X	Date Time Period Format Qualifier	ID	3	3	"RD8" = Range of Dates
DTM06	1251		X	Date Time Period	AN	17	17	"CCYYMMDD-CCYYMMDD" = Tax Filing Period Beginning and Ending Dates.
DTM~194~20031031\								
Syntax Notes: At least one of DTM02 or DTM05 is required. If either DTM05 or DTM06 is present, then the other is required.								
FTA Notes: If qualifier "194" is used in DTM01, then DTM05 and DTM06 are not used. If qualifier "683" is used in DTM01, then DTM02 is not used.								

Confidential Data								
Tax Information and Amount Segment							Pos. No. 0400	
Element ID	Elem Ref #	Sub-Ele Ref #	Field Status	Field Name	Field Type	Length		Field Description
						Min	Max	
TIA01	817		M	Tax Information Code	AN	4	4	"5010" = Confidential Information
TIA02 is not used.								
TIA03	449		X	Fixed Format Information	AN	4	5	User defined: Example: "6103" = IRS 6103B Tax data.
TIA~5010~~~6103\								
Syntax Notes: TIA03 is required.								
FTA Notes: This segment is used only between the states and the IRS								

EDI 813 Mapping

Total Net Reported Tax Information and Amount Segment								Pos. No. 0400
Element ID	Elem Ref #	Sub-Ele Ref #	Field Status	Field Name	Field Type	Length		Field Description
						Min	Max	
TIA01	817		M	Tax Information Code	AN	4	4	"5001" = Total Net Reported
TIA02 and TIA03 are not used.								
TIA04	380		X	Quantity	R	1	15	Total Number of Net Gallons in Tax Filing
TIA05	355		M	Unit of Measurement Code	ID	2	2	"GA" = Gallons
TIA~5001~~~1000000~GA\								
Syntax Notes: TIA04 is required. If TIA05 is present, then TIA04 is required.								
FTA Notes: Even though this value can be calculated, it is included, as a control figure to verify that the amount calculated by the Tax Authority is the same as expected by the taxpayer.								
ND Notes: This is the sum of gross gallons (+/-) across all schedules in the tax filing								

Sequence ID Number Reference Number Segment								Pos. No. 0200
Element ID	Elem Ref #	Sub-Ele Ref #	Field Status	Field Name	Field Type	Length		Field Description
						Min	Max	
REF01	428		M	Reference Identification Qualifier	ID	2	2	"FJ" = Sequence ID Number
REF02	427		X	Reference Identification	AN	1	7	Sequence Number
REF03	352		X	Description	AN	1	5	Error Response Code
REF~55~01234\								
Syntax Notes: At least one of the REF02 or REF03 is required.								
FTA Notes: This segment is only used when resending to an error reported in the 151 transaction set. REF02 is always required. REF03 is used for resending to an error								

Payment Order Remittance Advice Beginning Segment								(Required) Pos. No. 0200
Element ID	Elem Ref #	Sub-Ele Ref #	Field Status	Field Name	Field Type	Length		Field Description
						Min	Max	
BPR01	305		M	Transaction Handling Code	ID	1	2	"S" = Single Debit Authorization "P" = Pre notification
BPR02	782		M	Monetary Amount	R	1	18	Amount of tax payment
BPR03	478		M	Credit/Debit Flag Code	ID	1	1	"D" = Debit
BPR04	591		M	Payment Method Code	ID	3	3	"ACH" = Automated Clearing House
BPR05	812		M	Payment Format Code	ID	3	3	"CCD" = Cash Contration/Disbursement "CCP" = Cash Concentration/Disbursement plus Addenda (CCD+)
BPR06 through BPR11 are not inserted by the taxpayer. They are on file with the party that creates the ACH Debit transaction. The taxpayer transmits empty fields for these elements.								
BPR06	506		X/Z	(ODFI) ID Number Qualifier	ID	2	2	"01" = ABA Transit Routing Number and Check Digits
BPR07	507		X	(ODFI) Identification Number	AN	3	12	State's Bank Routing and Transit Number
BPR08	569		O/Z	(ODFI) Account Number Qualifier	ID	1	3	"DA" = Demand Deposit "SG" = Savings
BPR09	508		X/Z	(ODFI) Account Number	AN	1	35	State's Bank Account Number to be Credited
BPR10	509		O	Originating Company Identifier	AN	10	10	State ID Example: Taxing Authority's DUNS Number
BPR11	510		O	Originating Company Supplemental Code	O	9	9	Code Identifying Fiscal Agent
BPR12	506		X/Z	(RDFI) ID Number Qualifier	ID	2	2	"01" = ABA Transit Routing Number and Check Digits
BPR13	507		X	(RDFI) Identification Number	AN	3	12	Taxpayer's Bank Routing and Transit Number
BPR14	569		O/Z	(RDFI) Account Number Qualifier	ID	1	3	"DA" = Demand Deposit "SG" = Savings
BPR15	508		X/Z	(RDFI) Account Number	AN	1	35	Taxpayer's Bank Account to be Debited
BPR16	373		O/Z	Date	DT	8	8	The intended payment effective date (CCYYMMDD)

BPR17	1048		O/Z	Business Function Code	ID	+	3	"TAX" = Tax Payment
BPR-S-500-D-ACH-CCD-01-123456789-DA-987654321-20010325-TAX\								
Syntax Notes: If either BPR06 or BPR07 is present, then the other is required. If BPR08 is present, then BPR09 is required. If either BPR12 or BPR13 is present, then the other is required. If BPR14 is present, then BPR15 is required.								
FTA Notes: This segment should not be mandated by a taxing authority. ODFI (Originating Depository Financial Institution) is the bank that creates the ACH transaction. For debit transactions, this is the state's Bank. RDFI (Receiving Depository Financial Institution) is the bank that accepts the ACH transaction. For debit transactions, this is the Taxpayer's Bank.								

Name Detail								
Name Segment								Pos. No. 0500
Element ID	Elem Ref #	Sub-Ele Ref #	Field Status	Field Name	Field Type	Length		Field Description
						Min	Max	
N101	98		M	Entity Identification Code	ID	2	2	"TP" = Primary Taxpayer
N102	93		X	Name	AN	1	35	Taxpayer Name
N1~TP~ABC Distributing\								
Syntax Notes: N102 is required.								
FTA Note: N101: Use "TP" for tax reporting, or "L9" for information reporting.								

Additional Taxpayer Name Detail								
Additional Name Segment								Pos. No. 0600
Element ID	Elem Ref #	Sub-Ele Ref #	Field Status	Field Name	Field Type	Length		Field Description
						Min	Max	
N201	93		M	Name	AN	+	35	Taxpayer Name
N202	93		O	Name	AN	+	35	Taxpayer Name
N2~ABC Fuel Company~ABC Station\								
Syntax Notes: None								
FTA Note: None								

Address Detail								
Address Information Segment								Pos. No. 0800
Element ID	Elem Ref #	Sub-Ele Ref #	Field Status	Field Name	Field Type	Length		Field Description
						Min	Max	
N301	166		M	Address Information	AN	1	35	First Line Street Address
N302	166		O	Address Information	AN	1	35	Second Line Street Address
N3~123 C Street~PO Box 222\								
Syntax Notes: None								
FTA Note: None								

City, State, Zip Code Detail								
Location Geographic Segment								Pos. No. 0900
Element ID	Elem Ref #	Sub-Ele Ref #	Field Status	Field Name	Field Type	Length		Field Description
						Min	Max	
N401	19		O	City Name	AN	2	30	Name of City
N402	156		O	State code or Province	ID	2	2	State or Province Abbreviation
N403	116		O	Postal (Zip) Code	ID	3	11	ZIP Code, ZIP Plus 4 Code or Foreign Postal code
N404	26		O	Country	ID	2	2	Country Abbreviation (United States = US)
N4~MANDAN~ND~12345~2222~US\								
Syntax Notes: None								
FTA Note: None								

EDI 813 Mapping

General Contact Person								
Administrative Communications Contact Segment								
Pos. No. 1000								
Element ID	Elem Ref #	Sub-Ele Ref #	Field Status	Field Name	Field Type	Length		Field Description
						Min	Max	
PER01	366		M	Contact Function Code	ID	2	2	Contact Type Code: “CN” = General Contact
PER02	93		O	Name	AN	1	35	Contact Name
PER03	365		X	Communications Number Qualifier	ID	2	2	“TE” = Telephone Number
PER04	364		X	Communications Number	AN	10	14	Voice Telephone Number
PER05	365		X	Communications Number Qualifier	ID	2	2	“FX” = FAX Number
PER06	364		X	Communications Number	AN	10	10	FAX Telephone Number
PER07	365		X	Communications Number Qualifier	ID	2	2	“EM” = Electronic Mail
PER08	364		X	Communications Number	AN	1	80	E-mail Address
PER~CN~Joan Smith~TE~7015559988~FX~7015559977~EM~JSmith@abc.com\								
Syntax Notes: If either PER03 or PER04 is present, then the other is required. If either PER05 or PER06 is present, then the other is required. If either PER07 or PER08 is present, then the other is required.								
FTA Note: None								
ND Note: This segment is required.								

EDI Contact Person								
Administrative Communications Contact Segment								Pos. No. 1000
Element ID	Elem Ref #	Sub-Ele Ref #	Field Status	Field Name	Field Type	Length		Field Description
						Min	Max	
PER01	366		M	Contact Function Code	ID	2	2	Contact Type Code: "EA" = EDI Coordinator
PER02	93		O	Name	AN	1	35	Contact Name
PER03	365		X	Communications Number Qualifier	ID	2	2	"TE" = Telephone Number
PER04	364		X	Communications Number	AN	10	14	Voice Telephone Number
PER05	365		X	Communications Number Qualifier	ID	2	2	"FX" = FAX Number
PER06	364		X	Communications Number	AN	10	10	FAX Telephone Number
PER07	365		X	Communications Number Qualifier	ID	2	2	"EM" = Electronic Mail
PER08	364		X	Communications Number	AN	1	80	E-mail Address
PER~EA~Bob Smith~TE~7015559988~FX~7015559988~EM~bsmith@abc.com\								
Syntax Notes: If either PER03 or PER04 is present, then the other is required. If either PER05 or PER06 is present, then the other is required. If either PER07 or PER08 is present, then the other is required.								
FTA Note: None								
ND Note: This segment is required.								

The following segments are required if the mailing address is different than the physical address.

Mailing Name Detail								
Name Segment								Pos. No. 0500
Element ID	Elem Ref #	Sub-Ele Ref #	Field Status	Field Name	Field Type	Length		Field Description
						Min	Max	
N101	98		M	Entity Identification Code	ID	2	2	"31" = Postal Mailing
N102	93		X	Name	AN	1	35	Mailing Name
N1~31~ABC Company\								
Syntax Notes: N102 is required.								
FTA Note: None								

Mailing Additional Name Detail								
Additional Name Segment								Pos. No. 0600
Element ID	Elem Ref #	Sub-Ele Ref #	Field Status	Field Name	Field Type	Length		Field Description
						Min	Max	
N201	93		M	Name	AN	1	35	Mailing Name
N202	93		O	Name	AN	1	35	Mailing Name
N2~ABC Fuel Company~ABC Subsidiary\								
Syntax Notes: None								
FTA Note: None								

Mailing Address Detail								
Address Information Segment								Pos. No. 0800
Element ID	Elem Ref #	Sub-Ele Ref #	Field Status	Field Name	Field Type	Length		Field Description
						Min	Max	
N301	166		M	Address Information	AN	1	35	First Line Street Address
N302	166		O	Address Information	AN	1	35	Second Line Street Address
N3~123 C Street~PO Box 222\								
Syntax Notes: None								
FTA Note: None								

EDI 813 Mapping

Mailing City, State, Zip Code Detail								
Location Geographic Segment								Pos. No. 0900
Element ID	Elem Ref #	Sub-Ele Ref #	Field Status	Field Name	Field Type	Length		Field Description
						Min	Max	
N401	19		O	City Name	AN	2	30	Name of City
N402	156		O	State code or Province	ID	2	2	State or Province Abbreviation
N403	116		O	Postal (Zip) Code	ID	3	11	ZIP Code, ZIP Plus 4 Code or Foreign Postal code
N404	26		O	Country	ID	2	2	Country Abbreviation (United States = US)
N4~Bismarck~ND~12345-2222~US\								
Syntax Notes: None								
FTA Note: None								

End of Transaction Set Header

Transaction Set - Terminal Operator Report (TOR)

This TFS loop reports information on the TOR. Transaction detail is reported using the Schedule section of this map.

The TFS loop is repeated when reporting information for each terminal reported. Repeat the FGS loop within the TFS loop for each product reported.

Beginning of Terminal Operator Report Tax Form Segment								Pos. No. 0100
Element ID	Elem Ref. #	Sub-Ele Ref. #	Field Status	Field Name	Field Type	Length		Field Description
						Min	Max	
TFS01	128		M	Reference Identification Qualifier	ID	2	2	"T2" = Tax Form Code
TFS02	127		M	Reference Identification	AN	1	6	"TOR" = Terminal Operator Report
TFS03 and TFS04 are not used								
TFS05	66		X	ID Code Qualifier	ID	2	2	"TC" = IRS Terminal Code
TFS06	67		X	ID Code	AN	9	9	IRS Terminal Control Number (TCN)
TFS~T2~TOR~~~TC~T99ND0000\								
Syntax Notes: If either TFS05 or TFS06 is present, then the other is required.								
FTA Note: None								

Relationship to the Transaction Information Reference Segment								Pos. No. 0200
Element ID	Elem Ref. #	Sub-Ele Ref. #	Field Status	Field Name	Field Type	Length		Field Description
						Min	Max	
REF01	128		M	Reference Identification Qualifier	ID	2	2	"SU" = Special Processing
REF02	127		X	Reference Identification	AN	3	3	IRS = IRS Data N/A = If not applicable to the IRS
REF03 Not used								
REF04	C040	128	M	Reference Identification Qualifier	ID	2	2	"S0" = Special Approval (S Zero)
REF05	C040	127	M	Reference Identification	AN	2	2	State Abbreviation for state which data belongs to.
REF06	C040	128	X	Reference Identification Qualifier	ID	2	2	"S0" = Special Approval (S Zero)
REF07	C040	127	X	Reference Identification	AN	2	2	State abbreviation for state which data belongs to.
REF~SU~N/A~~S0^ND\								
Syntax Notes: REF02 is required.								
FTA Note: REF02, REF05 and REF07 represent the taxing authorities and their relationship to the information in this TFS loop. REF05 - REF07 use the sub-element separator.								

Sequence ID Number Usage

Sequence ID number is a counter used as a reference point when the Tax Commissioner contacts a filer with a question about the filer EDI file. The first Sequence ID Number within an envelope (ISA/IEA loop) will start at 1. Every subsequent REF within the ISA/IEA loop will be incremented by 1.

Sequence ID Number Reference Number Segment								Pos. No. 0200
Element ID	Elem Ref #	Sub-Ele Ref #	Field Status	Field Name	Field Type	Length		Field Description
						Min	Max	
REF01	128		M	Reference Identification Qualifier	ID	2	2	"55" = Sequence ID Number
REF02	127		X	Reference Identification	AN	1	7	Sequence Number
REF03	352		X	Description	AN	1	5	Error Response Code
REF~55~01234\								
Syntax Notes: REF02 is required.								
FTA Notes: REF02 is always required; REF03 is used when responding to an error								
ND Notes: REF03 is not used. See notes on sequence number on page 5-29								

EDI 813 Mapping

Condition 1 - If an account has no activity, the following REF segment is required. The following Condition 2 DTM and FGS are not used.

No Activity Reference Number Segment								(Conditional) Pos. No. 0200
Element ID	Elem Ref #	Sub-Ele Ref #	Field Status	Field Name	Field Type	Length		Field Description
						Min	Max	
REF01	128		M	Entity Identification Code	ID	2	2	"BE" = Business Activity
REF02	127		X	Name	AN	1	1	"1" = No Activity
REF~BE~1\								
Syntax Notes: REF02 is required.								
FTA Note: None								

Condition 2 - If an account has activity, the following DTM and FGS segments are required. The preceding REF is not used. This FGS loop contains inventory information. The FGS loop repeated when the product code value changes.

Ending Inventory Date Date/Time Reference Segment								(Conditional) Pos. No. 0300
Element ID	Elem Ref #	Sub-Ele Ref #	Field Status	Field Name	Field Type	Length		Field Description
						Min	Max	
DTM01	374		M	Date/Time Qualifier	ID	3	3	"184" = Inventory Date
DTM02	373		X	Date	DT	8	8	"CCYYMMDD"
DTM~184~20031031\								
Syntax Notes: DTM02 is required.								
FTA Note: None								

Physical Inventory by Product Form Group Segment								(Conditional) Pos. No. 1000
Element ID	Elem Ref #	Sub-Ele Ref #	Field Status	Field Name	Field Type	Length		Field Description
						Min	Max	
FGS01	350		M	Assigned Identification	AN	2	2	"EI" = Ending Inventory
FGS02	128		X	Reference Identification Qualifier	ID	2	2	"PG" = Product Group
FGS03	127		X	Reference Identification	AN	3	3	Product Code See Appendix on page D-59
FGS~EI~PG~065\								
Syntax Notes: If either FGS02 or FGS03 is present, then the other is required.								
FTA Note: None								

Sequence ID Number Reference Number Segment								Pos. No. 0200
Element ID	Elem Ref #	Sub-Ele Ref #	Field Status	Field Name	Field Type	Length		Field Description
						Min	Max	
REF01	128		M	Reference Identification Qualifier	ID	2	2	"55" = Sequence ID Number
REF02	127		X	Reference Identification	AN	1	7	Sequence Number
REF03	352		X	Description	AN	4	5	Error Response Code
REF~55~01234\								
Syntax Notes: REF02 is required.								
FTA Notes: REF02 is always required; REF03 is used when responding to an error								
ND Notes: REF03 is not used. See notes on sequence number on page 5-29								

Inventory								(Required if FGS is Used)
Tax Information and Amount Segment								Pos. No. 1800
Element ID	Elem Ref. #	Sub-Ele Ref. #	Field Status	Field Name	Field Type	Length		Field Description
						Min	Max	
TIA01	817		M	Tax Information ID Number	AN	4	4	"5002" = Net Physical Inventory
TIA02 and TIA03 are not used.								
TIA04	380		X	Quantity	R	1	15	Quantity
TIA05	355		M	Unit of Measurement Code	ID	2	2	"GA" = Gallons
TIA~5002~~~10000~GA\								
Syntax Notes: At least one of TIA02, TIA03, TIA04,TIA06 or TIA07 is required. If TIA05 is present, then TIA04 is required.								
FTA Note: Physical Inventory is the only value passed. All other information is derivable from schedules.								

End of FGS loop (Line item detail)

End of TFS loop (TOR detail)

EDI 813 Mapping

Transaction Set - Supplier/Distributor Report (SDR)

This TFS loop reports information on the SDR. Transaction detail is reported using the Summary Information and Schedule sections of this map.

Beginning of Supplier/Distributor Report Detail								Pos. No. 0100
Tax Form Segment								
Element ID	Elem Ref. #	Sub-Ele Ref. #	Field Status	Field Name	Field Type	Length		Field Description
						Min	Max	
TFS01	128		M	Reference Identification Qualifier	ID	2	2	"T2" = Tax Form Code
TFS02	127		M	Reference Identification	AN	1	6	"SDR" = Supplier/Distributor Report
TFS~T2~SDR\								
Syntax Notes: None								
FTA Note: The TFS loop is used once when reporting information for the SDR. Repeat the FGS loop within the TFS loop for each product reported.								

Relationship to the Transaction Information								Pos. No. 0200
Reference Segment								
Element ID	Elem Ref. #	Sub-Ele Ref. #	Field Status	Field Name	Field Type	Length		Field Description
						Min	Max	
REF01	128		M	Reference Identification Qualifier	ID	2	2	"SU" = Special Processing
REF02	127		X	Reference Identification	AN	3	3	IRS = IRS Data
REF03 Not used								
REF04	C040	128	M	Reference Identification Qualifier	ID	2	2	"S0" = Special Approval (S Zero)
REF05	C040	127	M	Reference Identification	AN	2	2	State Abbreviation for state which data belongs to.
REF06	C040	128	X	Reference Identification Qualifier	ID	2	2	"S0" = Special Approval (S Zero)
REF07	C040	127	X	Reference Identification	AN	2	2	State abbreviation for state which data belongs to.
REF~SU~N/A~S0~ND\								
Syntax Notes: At least one of REF02 or REF03 is required.								
FTA Note: REF02, REF05 and REF07 represent the taxing authorities and their relationship to the information in this TFS loop.								
REF05 - REF07 use the sub-element separator.								

Sequence ID Number								Pos. No. 0200
Reference Number Segment								
Element ID	Elem Ref #	Sub-Ele Ref #	Field Status	Field Name	Field Type	Length		Field Description
						Min	Max	
REF01	128		M	Reference Identification Qualifier	ID	2	2	"55" = Sequence ID Number
REF02	127		X	Reference Identification	AN	1	7	Sequence Number
REF03	352		X	Description	AN	4	5	Error Response Code
REF~55~01234\								
Syntax Notes: REF02 is required.								
FTA Notes: REF02 is always required; REF03 is used when responding to an error								
ND Notes: REF03 is not used. See notes on sequence number on 5-29								

Condition 1 - If an account has no activity, this segment is required. The Condition 2 DTM, TIA and FGS Loop are not used.

No Activity								(Conditional)
Reference Number Segment								Pos. No. 0200
Element ID	Elem Ref #	Sub-Ele Ref #	Field Status	Field Name	Field Type	Length		Field Description
						Min	Max	
REF01	128		M	Entity Identification Code	ID	2	2	"BE" = Business Activity
REF02	127		X	Name	AN	1	1	"I" = No Activity
REF~BE~1\								
Syntax Notes: REF02 is required.								
FTA Notes: None								

Condition 2 – If an account has activity, at least the TIA (Total Due) segment is required. The Condition 1 REF is not used. The FGS loop contains inventory information by product. The FGS loop repeats when the product code value changes.

Ending Inventory Date Date/Time Reference Segment								(Conditional) Pos. No. 0300
Element ID	Elem Ref #	Sub-Ele Ref #	Field Status	Field Name	Field Type	Length		Field Description
						Min	Max	
DTM01	374		M	Date/Time Qualifier	ID	3	3	“184” = Inventory Date
DTM02	373		X	Date	DT	8	8	”CCYYMMDD”
DTM~184~20031031\								
Syntax Notes: DTM02 is required.								
FTA Notes: Use this segment when reporting ending inventory in the FGS Loop for the supplier/distributor.								

Total Due Tax Information and amount Segment								(Conditional) Pos. No. 0920
Element ID	Elem Ref #	Sub-Ele Ref #	Field Status	Field Name	Field Type	Length		Field Description
						Min	Max	
TIA01	817		M	Tax Information ID Number	AN	4	4	“5003” = Total Due
TIA02	782		X	Monetary Amount	R	1	15	Dollar Amount
TIA03 is not used.								
TIA04	380		X	Quantity	R	1	15	Quantity
TIA05	355		M	Unit of Measurement Code	ID	2	2	“GA” = Gallons
TIA~5003~148.75~~25000~GA\								
Syntax Notes: At least one of TIA02 or TIA04 is required. If TIA05 is present, then TIA04 is required.								
FTA Notes: Total Due is passed as a check value and represents dollars and/or quantity.								
ND Notes: Formatting of TIA02: Special Fuels Tax Report - total amount due from Line 26 Liquefied Petroleum Fuel Tax Report - total amount due from Line 22 Motor Vehicle Fuel Tax Report - total amount due from Line 26 Aviation Fuel Tax Report - total amount due from Line 21 TIA05 is the sum of net gallons on all schedules for the return								

Physical Inventory by Product Form Group Segment								(Conditional) Pos. No. 1000
Element ID	Elem Ref #	Sub-Ele Ref #	Field Status	Field Name	Field Type	Length		Field Description
						Min	Max	
FGS01	350		M	Assigned Identification	AN	2	2	“EI” = Ending Inventory
FGS02	128		X	Reference Identification Qualifier	ID	2	2	“PG” = Product Group
FGS03	127		X	Reference Identification	AN	3	3	Product Code
FGS~EI~PG~065\								
Syntax Notes: If either FGS02 or FGS03 is present, then the other is required.								
FTA Notes: This FGS allows looping to report Inventory by product. Repeat this loop (a single TIA per FGS) as many times as needed to complete reporting requirements.								

Sequence ID Number Reference Number Segment								Pos. No. 0200
Element ID	Elem Ref #	Sub-Ele Ref #	Field Status	Field Name	Field Type	Length		Field Description
						Min	Max	
REF01	128		M	Reference Identification Qualifier	ID	2	2	“55” = Sequence ID Number
REF02	127		X	Reference Identification	AN	1	7	Sequence Number
REF03	352		X	Description	AN	4	5	Error Response Code
REF~55~01234\								
Syntax Notes: REF02 is required.								
FTA Notes: REF02 is always required; REF03 is used when responding to an error								
ND Notes: REF03 is not used. See notes on sequence number on page 5-29								

EDI 813 Mapping

Inventory								(Required if FGS is Used)
Tax Information and Amount Segment								Pos. No. 1800
Element ID	Elem Ref. #	Sub-Ele Ref. #	Field Status	Field Name	Field Type	Length		Field Description
						Min	Max	
TIA01	817		M	Tax Information ID Number	AN	4	4	"5002" = Net Physical Inventory
TIA02 - TIA03 are not used.								
TIA04	380		X	Quantity	R	1	15	Quantity
TIA05	355		M	Unit of Measurement Code	ID	2	2	"GA" = Gallons
TIA~5002~~~25000~GA\								
Syntax Notes: TIA04 is required. If TIA05 is present, then TIA04 is required.								
FTA Notes: Physical Inventory is the only value passed in this loop. All other information is derivable from schedules.								
ND Notes: Inventory must be reported in Gross Gallons								

End of FGS loop (Line item detail)

End of TFS loop (SDR detail)

Summary Information

This TFS loop reports summary information. This TFS loop is used in combination with the SDR report.

Summary information is used when the information cannot be derived from the schedule details. This TFS loop repeats when one of the following values changes: TFS02 Summary Code, TFS04 Product Code.

If there are no transactions to report in this filing, it is not necessary to transmit a Summary Information TFS loop.

Beginning of Summary Information								Pos. No. 0100
Tax Form Segment								
Element ID	Elem Ref. #	Sub-Ele Ref. #	Field Status	Field Name	Field Type	Length		Field Description
						Min	Max	
TFS01	128		M	Reference Identification Qualifier	ID	2	2	"T3" = Tax Schedule Code
TFS02	127		M	Reference Identification	AN	1	6	TFS02 Summary Code "S01B" Casualty Loss "S01C" Product Transfer (Disbursement) "S01D" Product Transfer (Receipt) "S02C" Inspection Fee "S02A" Penalty and Interest on Tax "S03A" Tax Credit "S03C" Collection Allowance "S05K" Sales Price of Taxable Gallons
TFS03	128		X	Reference Identification Qualifier	ID	2	2	"PG" = Product Group
TFS04	127		X	Reference Identification	AN	3	3	Product Code See appendix D
TFS05	66		X	Identification Code Qualifier	ID	2	2	"94" = Mode
TFS06	67		X	Identification Code	AN	2	2	"CE" = Transaction Type Mode Code
TFS~T3~S01B~PG~065~94~CE\ or TFS~T3~S02A~~~94~CE\								
Syntax Notes: If either TFS03 or TFS04 is present, then the other is required. If either TFS05 or TFS06 is present, then the other is required.								
FTA Notes: None								
ND Notes: TFS03 and TFS04 are not used for Summary Codes S02C, S02A, S03A, or S03C (not product specific). Both TIA segments for TIA codes "5008" interest and "5009" penalty are required for Sumamry Code S02A.								

Relationship to the Transaction Information								Pos. No. 0200
Reference Segment								
Element ID	Elem Ref. #	Sub-Ele Ref. #	Field Status	Field Name	Field Type	Length		Field Description
						Min	Max	
REF01	128		M	Reference Identification Qualifier	ID	2	2	"SU" = Special Processing
REF02	127		X	Reference Identification	AN	3	3	IRS = IRS Data N/A = If not applicable to the IRS
REF03 Not used								
REF04	C040	128	M	Reference Identification Qualifier	ID	2	2	"S0" = Special Approval (S Zero)
REF05	C040	127	M	Reference Identification	AN	2	2	State Abbreviation for state which data belongs to.
REF06	C040	128	X	Reference Identification Qualifier	ID	2	2	"S0" = Special Approval (S Zero)
REF07	C040	127	X	Reference Identification	AN	2	2	State abbreviation for state which data belongs to.
REF~SU~N/A~~S0^ND\								
Syntax Notes: At least one of REF02 or REF03 is required.								
FTA Notes: REF02, REF05 and REF07 represent the taxing authorities and their relationship to the information in this TFS loop. REF05 - REF07 use the sub-element separator.								

EDI 813 Mapping

Sequence ID Number Reference Number Segment								
								Pos. No. 0200
Element ID	Elem Ref #	Sub-Ele Ref #	Field Status	Field Name	Field Type	Length		Field Description
						Min	Max	
REF01	128		M	Reference Identification Qualifier	ID	2	2	"55" = Sequence ID Number
REF02	127		X	Reference Identification	AN	1	7	Sequence Number
REF03	352		X	Description	AN	4	5	Error Response Code
REF~55~01234\								
Syntax Notes: REF02 is required.								
FTA Notes: REF02 is always required; REF03 is used when responding to an error								
ND Notes: REF03 is not used. See notes on sequence number on page 5-29								

Summary Data Forms Group Segment								
								Pos. No. 1000
Element ID	Elem Ref #	Sub-Ele Ref #	Field Status	Field Name	Field Type	Length		Field Description
						Min	Max	
FGS01	350		M	Assigned Identification	AN	1	1	"S" = Schedule Summary
FGS~S\								
Syntax Notes: None								
FTA Notes: None								

Sequence ID Number Reference Number Segment								
								Pos. No. 0200
Element ID	Elem Ref #	Sub-Ele Ref #	Field Status	Field Name	Field Type	Length		Field Description
						Min	Max	
REF01	128		M	Reference Identification Qualifier	ID	2	2	"55" = Sequence ID Number
REF02	127		X	Reference Identification	AN	1	7	Sequence Number
REF03	352		X	Description	AN	4	5	Error Response Code
REF~55~01234\								
Syntax Notes: REF02 is required.								
FTA Notes: REF02 is always required; REF03 is used when responding to an error								
ND Notes: REF03 is not used. See notes on sequence number on page 5-29								

Information Tax Information and Amount Segment								
								Pos. No. 1800
Element ID	Elem Ref #	Sub-Ele Ref #	Field Status	Field Name	Field Type	Length		Field Description
						Min	Max	
TIA01	817		M	Tax Information ID Number	AN	4	4	TIA Code "5005" Net "5006" Gross
TIA02	782		X	Monetary Amount	R	1	15	Dollar Amount
TIA03 are not used.								
TIA04	380		X	Quantity	R	1	15	Quantity
TIA05	355		M	Unit of Measurement Code	ID	2	2	"GA" = Gallons
TIA~5006~~~25000~GA\ or TIA~5005~1475.63\								
Syntax Notes: At least one of TIA02 or TIA04 is required. If TIA05 is present, then TIA04 is required.								
FTA Notes: None								
ND Notes: TIA01 must be "5005" when reporting dollar amounts, "5006" when reporting gross gallons								

Interest								
Tax Information and Amount Segment								Pos. No. 1800
Element ID	Elem Ref. #	Sub-Ele Ref. #	Field Status	Field Name	Field Type	Length		Field Description
						Min	Max	
TIA01	817		M	Tax Information ID Number	AN	4	4	“5008” = Interest
TIA02	782		X	Monetary Amount	R	1	15	Dollar Amount
TIA~5008~500\								
Syntax Notes: TIA02 is required.								
FTA Notes: None								

Penalty								
Tax Information and Amount Segment								Pos. No. 1800
Element ID	Elem Ref. #	Sub-Ele Ref. #	Field Status	Field Name	Field Type	Length		Field Description
						Min	Max	
TIA01	817		M	Tax Information ID Number	AN	4	4	“5009” = Penalty
TIA02	782		X	Monetary Amount	R	1	15	Dollar Amount
TIA~5009~200\								
Syntax Notes: TIA02 is required.								
FTA Notes: None								

End of FGS loop (Line item detail)

End of TFS loop (SDR detail)

EDI 813 Mapping

North Dakota Summary Mapping

J01 Special Fuels Tax Report

TFS02 Summary Code: S01B Casualty Loss *See note on reconciling	(Page 2, Line 39 of return)	TIA Code: 5006
TFS02 Summary Code: S01C Product Transfer Disbursement	(Page 1, Line 3 of return)	TIA Code: 5006
TFS02 Summary Code: S01D Product Transfer Receipt	(Page 1, Line 3 of return)	TIA Code: 5006
TFS02 Summary Code: S02A Interest Penalty	(Page 1, Line 23 of return) (Page 1, Line 22 of return)	TIA Code: 5008 TIA Code: 5009
TFS02 Summary Code: S02C Inspection Fees (Required)	(Page 1, Line 24 of return)	TIA Code: 5005
TFS02 Summary Code: S03A Credit	(Page 1, Line 25 of return)	TIA Code: 5005
TFS02 Summary Code: S03C Collection Allowance (Required)	(Page 1, Line 18 of return)	TIA Code: 5005
TFS02 Summary Code: S05K Sales Price of Taxable Gallons (Required when schedules 5X and/or 5Y are used.)	(Page 1, Line 15 of return)	TIA Code: 5005

J11 Liquefied Petroleum Tax Report

TFS02 Summary Code: S01B Casualty Loss *See note on reconciling	(Page 2, Line 34 of return)	TIA Code: 5006
TFS02 Summary Code: S02A Interest Penalty	(Page 1, Line 20 of return) (Page 1, Line 19 of return)	TIA Code: 5008 TIA Code: 5009
TFS02 Summary Code: S03A Credit	(Page 1, Line 21 of return)	TIA Code: 5005
TFS02 Summary Code: S03C Collection Allowance (Required)	(Page 1, Line 15 of return)	TIA Code: 5005
TFS02 Summary Code: S05K Sales Price of Taxable Gallons (Required when schedule 5X is used.)	(Page 1, Line 12 of return)	TIA Code: 5005

S01 Motor Vehicle Fuel Tax Report

TFS02 Summary Code: S01B Casualty Loss	(Page 2, Line 38 of return)	TIA Code: 5006
*See note on reconciling		
TFS02 Summary Code: S01C Product Transfer Disbursement	(Page 1, Line 3 of return)	TIA Code: 5006
TFS02 Summary Code: S01D Product Transfer Receipt	(Page 1, Line 3 of return)	TIA Code: 5006
TFS02 Summary Code: S02A Interest	(Page 1, Line 23 of return)	TIA Code: 5008
Penalty	(Page 1, Line 22 of return)	TIA Code: 5009
TFS02 Summary Code: S02C Inspection Fees (Required)	(Page 1, Line 24 of return)	TIA Code: 5005
TFS02 Summary Code: S03A Credit	(Page 1, Line 25 of return)	TIA Code: 5005
TFS02 Summary Code: S03C Collection Allowance (Required)	(Page 1, Line 19 of return)	TIA Code: 5005

H01 Aviation Fuel Tax Report

TFS02 Summary Code: S02A Interest	(Line 19 of return)	TIA Code: 5008
Penalty	(Line 18 of return)	TIA Code: 5009
TFS02 Summary Code: S03A Credit	(Line 20 of return)	TIA Code: 5005
TFS02 Summary Code: S03C Collection Allowance (Required)	(Line 16 of return)	TIA Code: 5005

***Reconciliation Note:** include the Casualty Loss segments when reconciling gains and losses. This will trigger reconciliation processes by the state. When you have no casualty loss, the TIA04 value will be '0'. Only include the Casualty Loss segments when reconciling.

Note: Summary segments are not required unless indicated. You must include the summary segments needed to indicate a credit taken, inventory transferred, penalty owed, interest owed. Also note that summary segments are not required with a 'No Activity' filing.

See sample mapping of Tax Reports beginning on page J-68

EDI 813 Mapping

Schedules

This TFS loop begins the schedule detail. It repeats when one of the following values change:

Tax Form Code, Schedule Code, Mode Code, Product Code, Origin, Position Holder, Seller, Consignor, Carrier, Buyer, Consignee or Destination.

If there are no transactions to report in this filing, it is not necessary to transmit a Schedules TFS loop. You must indicate no activity in the TOR, SDR and/or CCR sections of this map.

Beginning of Schedules Tax Form Segment								Pos. No. 0100
Element ID	Elem Ref. #	Sub-Ele Ref. #	Field Status	Field Name	Field Type	Length		Field Description
						Min	Max	
TFS01	128		M	Reference Identification Qualifier	ID	2	2	“T3” = Tax Schedule Code
TFS02	127		M	Reference Identification	AN	1	6	Schedule Type Code See schedule code list in Appendix on page C-57
TFS03	128		X	Reference Identification Qualifier	ID	2	2	“PG” = Product Group
TFS04	127		X	Reference Identification	AN	3	3	Product Code See Product Codes in Appendix on page D-59
TFS05	66		X	Identification Code Qualifier	ID	2	2	“94” = Mode
TFS06	67		X	Identification Code	AN	2	2	Transaction Type Mode Code See Code List in Appendix on page F-62
TFS~T3~2~PG~065~94~J \								
Syntax Notes: If either TFS03 or TFS04 is present, then the other is required. If either TFS05 or TFS06 is present, then the other is required.								
FTA Notes: None								

Relationship to the Transaction Information								Pos. No. 0200
Reference Segment								
Element ID	Elem Ref. #	Sub-Ele Ref. #	Field Status	Field Name	Field Type	Length		Field Description
						Min	Max	
REF01	128		M	Reference Identification Qualifier	ID	2	2	“SU” = Special Processing
REF02	127		X	Reference Identification	AN	3	3	IRS = IRS Data N/A — If not applicable to the IRS
REF03 Not used								
REF04	C040	128	M	Reference Identification Qualifier	ID	2	2	“S0” = Special Approval (S Zero)
REF05	C040	127	M	Reference Identification	AN	2	2	State Abbreviation for state which data belongs to.
REF06	C040	128	X	Reference Identification Qualifier	ID	2	2	“S0” = Special Approval (S Zero)
REF07	C040	127	X	Reference Identification	AN	2	2	State abbreviation for state which data belongs to.
REF~SU~N/A~~S0^ND\								
Syntax Notes: REF02 is required.								
FTA Notes: REF02, REF05 and REF07 represent the taxing authorities and their relationship to the information in this TFS loop. REF05 — REF07 use the sub-element separator.								

Sequence ID Number								
Reference Number Segment								
Pos. No. 0200								
Element ID	Elem Ref #	Sub-Ele Ref #	Field Status	Field Name	Field Type	Length		Field Description
						Min	Max	
REF01	128		M	Reference Identification Qualifier	ID	2	2	“55” = Sequence ID Number
REF02	127		X	Reference Identification	AN	1	7	Sequence Number
REF03	352		X	Description	AN	1	5	Error Response Code
REF~55~01234\								
Syntax Notes: REF02 is required.								
FTA Notes: REF02 is always required; REF03 is used when responding to an error								
ND Notes: REF03 is not used. See notes on sequence number on page 5-29								

For Point of Origin/Terminal: (One of the following Options is Required)

Use Option 1 when the origin has an IRS TCN.

Use Option 2 when the origin does not have an IRS TCN.

Use Option 3 when the state requires an origin facility ID (currently used by the state of Florida).

Option 1

Point of Origin Name Segment 1								
(One of the two options is used) Pos. No. 0500								
Element ID	Elem Ref. #	Sub-Ele Ref. #	Field Status	Field Name	Field Type	Length		Field Description
						Min	Max	
N101	98		M	Entity Identification Code	ID	2	2	"OT" = Origin Terminal
N102 is not used.								
N103	66		X	Identification Code Qualifier	ID	2	2	"TC" = IRS Terminal Code
N104	67		X	Identification Code	AN	9	9	IRS Terminal Code (Code list is located at www.irs.gov/businfo/excise/index.html)
N1~OT~~TC~T99ND0000\								
Syntax Notes: N103 is required. If either N103 or N104 is present, then the other is required.								
FTA Notes: None								
ND Notes: Origin Terminal (Option 1) is required for all Terminal Operator Disbursements Origin is optional for Terminal Operator Receipts Either origin option 1 or origin option 2 is required for all other schedules								

Option 2

Point of Origin Name Segment 1								
(One of the two options is used) Pos. No. 0500								
Element ID	Elem Ref. #	Sub-Ele Ref. #	Field Status	Field Name	Field Type	Length		Field Description
						Min	Max	
N101	98		M	Entity Identification Code	ID	2	2	"SF" = Ship From
N102	93		X	Name	AN	2	2	Origin State Abbreviation
N1~SF~ND\								
Syntax Notes: N102 is required.								
FTA Notes: None								
ND Notes: Either origin option 1 or origin option 2 is required for all schedules								

Point of Origin Name Segment 1								
Pos. No. 0500								
Element ID	Elem Ref. #	Sub-Ele Ref. #	Field Status	Field Name	Field Type	Length		Field Description
						Min	Max	
N401	19		M	City Name	AN	2	30	Name of City
N402	156		O	State or Province Code	ID	2	2	State or Providence Abbreviation
N403	116		O	Postal Code	ID	3	11	ZIP or ZIP plus 4 Code
N4~Minot~ND\								
Syntax Notes: None								
FTA Notes: None								
ND Notes: Include this segment when using origin option 2.								

EDI 813 Mapping

Option 3

Point of Origin						(One of the three options is used)		
Name Segment 1						Pos. No. 0500		
Element ID	Elem Ref. #	Sub-Ele Ref. #	Field Status	Field Name	Field Type	Length Min Max		Field Description
N101	98		M	Entity Identification Code	ID	2	2	“WO”— Storage Facility at Origin
N102 is not used.								
N103	66		X	Identification Code Qualifier	ID	2	2	"FA" = Facility Identification
N104	67		X	Identification Code	AN	2	20	Facility/License Number
N1~WO~~FA~123456\								
Syntax Notes: N103 is required.								
If either N103 or N104 is present, then the other is required.								
FTA Notes: None								

Seller Information								
Name Segment 2								
Pos. No. 0500								
Element ID	Elem Ref. #	Sub-Ele Ref. #	Field Status	Field Name	Field Type	Length		Field Description
						Min	Max	
N101	98		M	Entity Identification Code	ID	2	2	"SE" = Selling Party
N102	93		X	Name	AN	1	35	Seller's Name
N103	66		X	Identification Code Qualifier	ID	2	2	"24" = FEIN "34" = SSN
N104	67		X	Identification Code	AN	9	15	Seller's FEIN or SSN plus 2 digit ND Suffix
N1~SE~Fuel Inc~24~51666999971\								
Syntax Notes:		At least one of N102 or N103 is required. If either N103 or N104 is present, then the other is required.						
FTA Notes:		None						
ND Notes:		Required for Receipt Schedules (except Terminal Operator Schedule of Receipts) Include the 2 character North Dakota assigned FEIN suffix; the N104 must contain 11 digits without dashes. North Dakota's requirement to include a two-digit state-assigned suffix is an exception to FTA uniformity.						

Position Holder Information or Delivering Exchange Party Information								
Name Segment 3							Pos. No. 0500	
Element ID	Elem Ref. #	Sub-Ele Ref. #	Field Status	Field Name	Field Type	Length		Field Description
						Min	Max	
N101	98		M	Entity Identification Code	ID	2	2	"ON" = Position Holder
N102	93		X	Name	AN	1	35	Position Holder's Name
N103	66		X	Identification Code Qualifier	ID	2	2	"24" = FEIN "34" = SSN
N104	67		X	Identification Code	AN	9	15	Position Holder's FEIN or SSN plus 2 digit ND Suffix
N1~ON~ABC Fuel~24~51688888870\								
Syntax Notes:		At least one of N102 or N103 is required. If either N103 or N104 is present, then the other is required.						
FTA Notes:		None						
ND Notes:		Required for Terminal Operator Receipt Schedules Include the 2 character North Dakota assigned FEIN suffix; the N104 must contain 11 digits without dashes. North Dakota's requirement to include a two-digit state-assigned suffix is an exception to FTA uniformity.						

Receiving Exchange Party Information								
Name Segment 3							Pos. No. 0500	
Element ID	Elem Ref. #	Sub-Ele Ref. #	Field Status	Field Name	Field Type	Length		Field Description
						Min	Max	
N101	98		M	Entity Identification Code	ID	2	2	"EC" = Position Holder
N102	93		X	Name	AN	1	35	Position Holder's Name or Control Name (First 4 position of tax payer business name)
N103	66		X	Identification Code Qualifier	ID	2	2	"24" = FEIN "34" = SSN "F1" = Federal Taxpayer 637 ID Number "50" = BN Canadian Business Number
N104	67		X	Identification Code	AN	9	15	Position Holder's FEIN or SSN or IRS 637 Number or BN
N1-EC-ABC Fuel-24-516888888\								
Syntax Notes: At least one of N102 or N103 is required. If either N103 or N104 is present, then the other is required.								
FTA Notes: None								

Person Hiring Carrier (Consignor)							
Name Segment 4							Pos. No. 0500
Element ID	Elem Ref. #	Sub-Ele Ref. #	Field Status	Field Name	Field Type	Length Min Max	Field Description
N101	98		M	Entity Identification Code	ID	2 2	"CI" = Consignor (Person Hiring the Carrier)
N102	93		X	Name	AN	1 35	Consignor Name or Name Control (First 4 position of tax payer business name)
N103	66		X	Identification Code Qualifier	ID	2 2	"24" = FEIN "34" = SSN "50" = BN – Canadian Business Number
N104	67		X	Identification Code	AN	9 15	Consignor's (Person Hiring the Carrier) FEIN or SSN or BN
N1-CI-ABC Distributing-24-516777777\							
Syntax Notes: _____ At least one of N102 or N103 is required.							
_____ If either N103 or N104 is present, then the other is required.							
FTA Notes: _____ None							

Carrier Information								
Name Segment 5							Pos. No. 0500	
Element ID	Elem Ref. #	Sub-Ele Ref. #	Field Status	Field Name	Field Type	Length		Field Description
						Min	Max	
N101	98		M	Entity Identification Code	ID	2	2	"CA" = Carrier Name
N102	93		X	Name	AN	1	35	Carrier Name
N103	66		X	Identification Code Qualifier	ID	2	2	"24" = FEIN "34" = SSN
N104	67		X	Identification Code	AN	9	15	Carrier's FEIN or SSN
N1~CA~ABC Trucking~24~516666666\								
Syntax Notes:		At least one of N102 or N103 is required. If either N103 or N104 is present, then the other is required.						
FTA Notes:		None						
ND Notes:		Required for all schedules						

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Buyer/Consignee Information								Pos. No. 0500
Name Segment 6								
Element ID	Elem Ref. #	Sub-Ele Ref. #	Field Status	Field Name	Field Type	Length		Field Description
						Min	Max	
N101	98		M	Entity Identification Code	ID	2	2	"BY" = Buying Party (Purchaser/Consignee)
N102	93		X	Name	AN	1	35	Buyer Name
N103	66		X	Identification Code Qualifier	ID	2	2	"24" = FEIN "34" = SSN
N104	67		X	Identification Code	AN	9	15	Purchaser's FEIN or SSN plus 2 digit ND Suffix
N1~Joe Gas Station~24~5172222270\								
Syntax Notes: At least one of N102 or N103 is required. If either N103 or N104 is present, then the other is required.								
FTA Notes: None								
ND Notes: Required for all Disbursement Schedules Include the 2 character North Dakota assigned FEIN suffix; the N104 must contain 11 digits without dashes. North Dakota's requirement to include a two-digit state-assigned suffix is an exception to FTA uniformity.								

For Point (Address) of Delivery/Destination: (One of the following Options is Required)

Use Option 1 when the destination has an IRS TCN.

Use Option 2 when the destination does not have an IRS TCN.

Use Option 3 when the state requires a destination facility ID (currently used by the state of Florida).

Option 1

Point of Destination								(One of the two options is used)
Name Segment 7								Pos. No. 0500
Element ID	Elem Ref. #	Sub-Ele Ref. #	Field Status	Field Name	Field Type	Length		Field Description
						Min	Max	
N101	98		M	Entity Identification Code	ID	2	2	"DT" = Destination Terminal
N102 is not used.								
N103	66		X	Identification Code Qualifier	ID	2	2	"TC" = IRS Terminal Code
N104	67		X	Identification Code	AN	9	9	IRS Terminal Code (Code list is located at www.irs.gov/bus_info/excise/index.html)
N1~DT~~TC~T99ND0000\								
Syntax Notes: N103 is required. If either N103 or N104 is present, then the other is required.								
FTA Notes: None								
ND Notes: Destination Terminal (Option 1) is required for all Terminal Operator Receipts. Either Destination option 1 or Destination option 2 is required for all schedules								

Option 2

Point of Destination								(One of the two options is used)
Name Segment 7								Pos. No. 0500
Element ID	Elem Ref. #	Sub-Ele Ref. #	Field Status	Field Name	Field Type	Length		Field Description
						Min	Max	
N101	98		M	Entity Identification Code	ID	2	2	"ST" = Ship To
N102	93		X	Name	AN	2	2	Destination State Abbreviation
N1~ST~ND\								
Syntax Notes: N102 is required. If either N103 or N104 is present, then the other is required.								
FTA Notes: None								

Point of Destination								
Name Segment 7								Pos. No. 0500
Element ID	Elem Ref. #	Sub-Ele Ref. #	Field Status	Field Name	Field Type	Length		Field Description
						Min	Max	
N401	19	19	M	City Name	AN	2	30	Name of City
N402	156	156	O	State or Province Code	ID	2	2	State or Providence Abbreviation
N403	116	116	Θ	Postal Code	ID	3	11	ZIP or ZIP plus 4 Code
N4~Stanley~ND\								
Syntax Notes: None								
FTA Notes: None								
ND Notes: Include this segment when using destination option 2.								

Option 3

Point of Destination								
Name Segment 7								(One of the three options is used) Pos. No. 0500
Element ID	Elem Ref. #	Sub-Ele Ref. #	Field Status	Field Name	Field Type	Length		Field Description
						Min	Max	
N101	98		M	Entity Identification Code	ID	2	2	"WD" = Destination Facility
N102 is not used.								
N103	66		X	Identification Code Qualifier	ID	2	2	"FA" = Facility Identification
N104	67		X	Identification Code	AN	2	20	Facility/License Number
N1~WD~FA~123456\								
Syntax Notes: N103 is required. If either N103 or N104 is present, then the other is required.								
FTA Notes: None								

This FGS loop begins the individual shipments within the TFS loop. It is repeated when one of the following values changes:

- Bill of Lading (Document) Number
- Bill of Lading Date (Date Shipped)
- Gallons/Liters.

Bill of Lading								
Forms Group Segment								Pos. No. 1000
Element ID	Elem Ref. #	Sub-Ele Ref. #	Field Status	Field Name	Field Type	Length		Field Description
						Min	Max	
FGS01	350		M	Assigned Identification	AN	1	1	"D" = Schedule Detail
FGS02	128		X	Reference Identification Qualifier	ID	2	2	"BM" = Bill of Lading Number
FGS03	127		X	Reference Identification	AN	1	15	Bill of Lading Number
FGS~D~BM~00123456\								
Syntax Notes: If either FGS02 or FGS03 is present, then the other is required.								
FTA Notes: None								
ND Notes: Include either Bill of Lading or Invoice Number – please refer to North Dakota Reporting Instructions								

Sequence ID Number								
Reference Number Segment								Pos. No. 0200
Element ID	Elem Ref. #	Sub-Ele Ref. #	Field Status	Field Name	Field Type	Length		Field Description
						Min	Max	
REF01	128		M	Reference Identification Qualifier	ID	2	2	"55" = Sequence ID Number
REF02	127		X	Reference Identification	AN	1	7	Sequence Number
REF03	352		X	Description	AN	4	5	Error Response Code
REF~55~01234\								
Syntax Notes: REF02 is required.								
FTA Notes: REF02 is always required; REF03 is used when responding to an error								
ND Notes: REF03 is not used. See notes on sequence number on page 5-29								

EDI 813 Mapping

Bill of Lading Date								
Date/Time Reference Segment								Pos. No. 1200
Element ID	Elem Ref. #	Sub-Ele Ref. #	Field Status	Field Name	Field Type	Length		Field Description
						Min	Max	
DTM01	374		M	Date/Time Qualifier	ID	3	3	"095" = Bill of Lading Date
DTM02	373		X	Date	DT	8	8	Bill of Lading Date (CCYYMMDD)
DTM~095~20010505\								
Syntax Notes: DTM02 is required.								
FTA Notes: None								
ND Notes: Include either Bill of Lading Date or Invoice Date – please refer to North Dakota Reporting Instructions								

Bill of Lading Net								
Tax Information and Amount Segment								Pos. No. 1800
Element ID	Elem Ref. #	Sub-Ele Ref. #	Field Status	Field Name	Field Type	Length		Field Description
						Min	Max	
TIA01	817		M	Tax Information ID Number	AN	4	4	"5005" = Net
TIA02 and TIA03 are not used.								
TIA04	380		X	Quantity	R	1	15	Quantity
TIA05	355		M	Unit of Measurement Code	ID	2	2	"GA" = Gallons
TIA~5005~~~8000~GA\								
Syntax Notes: TIA04 is required. If TIA05 is present, then TIA04 is required.								
FTA Notes: None								
ND Notes: Required								

Bill of Lading Gross								
Tax Information and Amount Segment								Pos. No. 1800
Element ID	Elem Ref. #	Sub-Ele Ref. #	Field Status	Field Name	Field Type	Length		Field Description
						Min	Max	
TIA01	817		M	Tax Information ID Number	AN	4	4	"5006" = Gross
TIA02 and TIA03 are not used.								
TIA04	380		X	Quantity	R	1	15	Quantity
TIA05	355		M	Unit of Measurement Code	ID	2	2	"GA" = Gallons
TIA~5006~~~8000~GA\								
Syntax Notes: TIA04 is required. If TIA05 is present, then TIA04 is required.								
FTA Notes: None								
ND Notes: Required								

Bill of Lading Billed								
Tax Information and Amount Segment								Pos. No. 1800
Element ID	Elem Ref. #	Sub-Ele Ref. #	Field Status	Field Name	Field Type	Length		Field Description
						Min	Max	
TIA01	817		M	Tax Information ID Number	AN	4	4	"5007" = Billed
TIA02 and TIA03 are not used.								
TIA04	380		X	Quantity	R	1	15	Quantity
TIA05	355		M	Unit of Measurement Code	ID	2	2	"GA" = Gallons
TIA~5007~~~8000~GA\								
Syntax Notes: TIA04 is required. If TIA05 is present, then TIA04 is required.								
FTA Notes: None								
ND Notes: Optional								

End of FGS loop for Individual shipments.

End of TFS loop for Schedule.

Transaction Set Trailer Description

End of Transaction Set Trailer Segment								(Required) Pos. No. 0100
Element ID	Elem Ref #	Sub-Ele Ref #	Field Status	Field Name	Field Type	Length		Field Description
						Min	Max	
SE01	96		M	Number of Included Segments	N0	1	10	Number of segments (inserted by translator)
SE02	329		M	Transaction Set Control Number	AN	4	9	Determined by Filer (same value in ST02, unique control number)
SE~156~10001\								
Syntax Notes: None								
FTA Notes: None								
End of Transaction Set								

Chapter 6 - 997 Functional Acknowledgment

ANSI ASC X12 – 997 EDI Standard

RELEASE • 004030

TRANSACTION SET TABLES • 997

997 Functional Acknowledgment

FUNCTIONAL GROUP - FA

This Draft Standard for Trial Use contains the format and establishes the data contents of the Functional Acknowledgment Transaction Set (997) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to define the control structures for a set of acknowledgments to indicate the results of the syntactical analysis of the electronically encoded documents. The encoded documents are the transaction sets, which are grouped in functional groups, used in defining transactions for business data interchange. This standard does not cover the semantic meaning of the information encoded in the transaction sets.

Table 1

NOTE	POS.NO.	SEQ ID	NAME	REQ.DES.	MAX USE	LOOP REPEAT
N	0100	ST	Transaction Set Header	M	1	
N	0200	AK1	Functional Group Response Header	M	1	
			LOOP ID - AK2			999999
N	0300	AK2	Transaction Set Response Header	O	1	
			LOOP ID - AK3			999999
C	0400	AK3	Data Segment Note	O	1	
	0500	AK4	Data Element Note	O	99	
	0600	AK5	Transaction Set Response Trailer	M	1	
	0700	AK9	Functional Group Response Trailer	M	1	
	0800	SE	Transaction Set Trailer	M	1	

NOTES

- 1/0100 These acknowledgments shall not be acknowledged, thereby preventing an endless cycle of acknowledgments of acknowledgments. Nor shall a Functional Acknowledgment be sent to report errors in a previous Functional Acknowledgment.
- 1/0100 The Functional Group Header Segment (GS) is used to start the envelope for the Functional Acknowledgment Transaction Sets. In preparing the functional group of acknowledgments, the application sender's code and the application receiver's code, taken from the functional group being acknowledged, are exchanged; therefore, one acknowledgment functional group responds to only those functional groups from one application receiver's code to one application sender's code.
- 1/0100 There is only one Functional Acknowledgment Transaction Set per acknowledged functional group.
- 1/0200 AK1 is used to respond to the functional group header and to start the acknowledgment for a functional group. There shall be one AK1 segment for the functional group that is being acknowledged.
- 1/0300 AK2 is used to start the acknowledgment of a transaction set within the received functional group. The AK2 segments shall appear in the same order as the transaction sets in the functional group that has been received and is being acknowledged.

COMMENTS

- 1/0400 The data segments of this standard are used to report the results of the syntactical analysis of the functional groups of transaction sets; they report the extent to which the syntax complies with the standards for transaction sets and functional groups. They do not report on the semantic meaning of the transaction sets (for example, on the ability of the receiver to comply with the request of the sender).

DECEMBER 1999

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997 EDI Map

³ Data Interchange Standards Association, Inc. (DISA)

The 997 Functional Acknowledgment notifies the Information Provider that their EDI file was received. Translators create the 997 ACK when the translator processes an EDI file. This ACK is designed to pass back through the Information Provider/Transmitter's translator to notify the Information Provider/Transmitter that the EDI file was accepted, accepted with errors or rejected. If the EDI file is rejected, the Information Provider/Transmitter must fix the file and send a new EDI file.

Transaction Set Header Description

Beginning of Transaction Set								(Required) Pos. No. 0100
Element	Elem	Sub-Ele	Field	Field Name	Field	Length		Field
ID	Ref #	Ref #	Status		Type	Min	Max	Description
ST01	143		M	Transaction Set Code	ID	3	3	Transaction Set Type "997"
ST02	329		M	Transaction Set Control Number	AN	4	9	Translator defined (same value in SE02, unique control number)

Functional Group Response Header								(Required) Pos. No. 0200
Element	Elem	Sub-Ele	Field	Field Name	Field	Length		Field
ID	Ref #	Ref #	Status		Type	Min	Max	Description
AK101	479		M/Z	Transaction Set Identifier Code	ID	2	2	Functional ID found in the GS segment (GS01) of the functional group being acknowledged. TF = 813
AK102	28		M/Z	Group Control Number	N0	1	9	Functional group control number found in the GS segment (GS02) of the functional group being acknowledged.

Transaction Set Response Header								(Optional) Pos. No. 0300
Element	Elem	Sub-Ele	Field	Field Name	Field	Length		Field
ID	Ref #	Ref #	Status		Type	Min	Max	Description
AK201	143		M/Z	Functional Identifier Code	ID	3	3	Transaction set ID found in the ST segment (ST01) of the transaction set being acknowledged. 813
AK202	329		M/Z	Transaction Set Control Number	AN	4	9	Transaction set control number found in the ST segment (ST01) of the transaction set being acknowledged.

Data Segment Note								(Optional) Pos. No. 0400
Element	Elem	Sub-Ele	Field	Field Name	Field	Length		Field
ID	Ref #	Ref #	Status		Type	Min	Max	Description
AK301	721		M	Segment ID Code	ID	2	3	Code defining the segment ID of the segment in error. See X12 guide for codes.
AK302	719		M	Segment Position in Transaction Set	N0	1	6	The position of the segment counted from the transaction set header (ST). The transaction set header is 1.
AK303	447		O	Loop Identifier Code	AN	1	6	Loop ID number given on the transaction set diagram.
AK304	720		O	Segment Syntax Error Code	ID	1	3	1 = Unrecognized segment ID 2 = Unexpected segment 3 = Mandatory segment missing 4 = Loop occurs over maximum times 5 = Segment exceeds maximum use 6 = Segment not in defined transaction set 7 = Segment not in proper sequence 8 = Segment has data element errors
This segment defines segment syntax errors and the location of the segment. Refer to the X12 standards guide for further definition.								

Data Element Note								(Optional) Pos. No. 0500
Element ID	Elem Ref #	Sub-Ele Ref #	Field Status	Field Name	Field Type	Length Min Max		Field Description
AK401	C030		M	Position in Segment				Code indicating relative position of element in error. See X12 guide for further information.
AK401	C030	722	M	Element Position in Segment	N0	1	2	
AK401	C030	1528	O	Component Data Element Position in Composite	N0	1	2	
AK401	C030	1686	O	Repeating Data Element Position	N0	1	4	
AK402	725		O	Data Element Reference Number	N0	1	4	Reference number used to locate the element in the Data Element Dictionary.
AK403	723		M	Data Element Syntax Error Code	ID	1	3	1 = Mandatory data element missing. 2 = Conditional required data element missing. 3 = Too many data elements 4 = Data element too short 5 = Data element too long 6 = Invalid character in data element 7 = Invalid code value 8 = Invalid date 9 = Invalid time 10 = Exclusion condition violated 12 = Too many repetitions 13 = Too many components
AK404	724		O/Z	Copy of Bad Data Element	AN	1	99	A copy of the bad data element.
This segment defines Element syntax errors and the location of the segment. Refer to the X12 standards guide for further definition.								

Transaction Set Response Trailer								(Required) Pos. No. 0600
Element	Elem	Sub-Ele	Field	Field Name	Field	Length		Field
ID	Ref #	Ref #	Status		Type	Min	Max	Description
AK501	717		M	Transaction Set Acknowledgement Code	ID	1	1	A = Accepted E = Accepted but errors were noted M = Rejected, message authentication code failed R = Rejected W = Rejected, assurance failed validity tests X = Rejected, content after decryption could not be analyzed
AK502	718		O	Transaction Set Syntax Error Code	ID	1	3	1 = Transaction set not supported 2 = Transaction set trailer missing 3 = Transaction set control number in header and trailer do not match. 4 = Number of included segments does not match actual count 5 = One or more segments in error 6 = Missing or invalid transaction set identifier 7 = Missing or invalid transaction set control number 8 = Authentication key name unknown 9 = Encryption key name unknown 10 = Requested service (authentication or encryption) not available. 11 = Unknown security recipient 12 = Incorrect message length (encryption only) 13 = Message authentication code failed 15 = Unknown security originator 16 = Syntax error in decryption text 17 = Security not supported 23 = Transaction set control number not unique within the functional group. 24 = S3E security end segment missing for S3S security. 25 = S3S security start segment missing for S3E security. 26 = S4E security end segment missing for S4S security 27 = S4S security start segment missing for S4E security end segment.
AK503	718		O	Transaction Set Syntax Error Code	ID	1	3	
AK504	718		O	Transaction Set Syntax Error Code	ID	1	3	
AK505	718		O	Transaction Set Syntax Error Code	ID	1	3	
AK506	718		O	Transaction Set Syntax Error Code	ID	1	3	
This segment acknowledges acceptance or rejection and reports errors. Refer to the X12 standards guide for further definition.								

Functional Group Response Trailer								(Required) Pos. No. 0700
Element	Elem	Sub-Ele	Field	Field Name	Field	Length		Field
ID	Ref #	Ref #	Status		Type	Min	Max	Description
AK901	715		M	Functional Group Acknowledgement Code	ID	1	1	A = Accepted E = Accepted but errors were noted M = Rejected, message authentication code failed P = Partially Accepted, at least one transaction set was rejected R = Rejected W = Rejected, assurance failed validity tests X = Rejected, content after decryption could not be analyzed
AK902	97		M	Number of Transaction Sets Included	N0	1	6	Number of Transaction Sets Included
AK903	123		M	Number of Received Transaction Sets	N0	1	6	Number of Received Transaction Sets
AK904	2		M	Number of Accepted Transaction Sets	N0	1	6	Number of Accepted Transaction Sets
AK905	716		O	Functional Group Syntax Error Code	ID	1	3	1 = Functional group not supported 2 = Functional group version not supported 3 = Functional Group Trailer Missing 4 = Group control number in the functional group header and trailer do not agree. 5 = Number of included transaction sets does not match actual count. 6 = Group control number violates syntax 10 = Authentication key name unknown 11 = Encryption key name unknown 12 = Requested service (authentication or encryption) not available. 13 = Unknown security recipient 14 = Unknown security originator. 15 = Syntax error in decrypted text 16 = Security not supported 17 = Incorrect message length (encryption only) 18 = Message authentication code failed 23 = Transaction set control number not unique within the functional group. 24 = S3E security end segment missing for S3S security. 25 = S3S security start segment missing for S3E security. 26 = S4E security end segment missing for S4S security 27 = S4S security start segment missing for S4E security end segment.
AK906	716		O	Functional Group Syntax Error Code	ID	1	3	
AK907	716		O	Functional Group Syntax Error Code	ID	1	3	
AK908	716		O	Functional Group Syntax Error Code	ID	1	3	
AK909	716		O	Functional Group Syntax Error Code	ID	1	3	
This segment acknowledges acceptance or rejection of a functional group. Refer to the X12 standards guide for further definition.								

Transaction Set Trailer Description

End of Transaction Set Trailer Segment								(Required) Pos. No. 0800
Element	Elem	Sub-Ele	Field	Field Name	Field	Length		Field
ID	Ref #	Ref #	Status		Type	Min	Max	Description
SE01	96	96	M	Number of Included Segments	N0	1	10	Number of segments (inserted by translator)
SE02	329	329	M	Transaction Set Control Number	AN	4	9	Determined by Filer (same value in ST02, unique control number)
SE~6~100\								

End of Transaction Set

An example of a 997 ACK can be found below. This 997 contains ACKs for four 813s received in one ISA/GS envelope.

The file you receive will be a continuous stream of data; no carriage returns or line feeds.

ISA~00~0000000000~00~0000000000~ZZ~040539587000000~ZZ~123456789000000~990913~1512~|~00403~000000001
~0~P~^\\

GS~FA~040539587050~INTERNALROUTING~19990913~1510~1001~X~004030\\

ST~997~0014\\
AK1~TF~52001\\
AK2~813~000000124\\
AK5~A\\
AK9~A~1~1~1\\
SE~6~0014\\

ST~997~0015\\
AK1~TF~52001\\
AK2~813~000000125\\
AK5~A\\
AK9~A~1~1~1\\
SE~6~0015\\

ST~997~0016\\
AK1~TF~52001\\
AK2~813~000000126\\
AK5~A\\
AK9~A~1~1~1\\
SE~6~0016\\

ST~997~0017\\
AK1~TF~52001\\
AK2~813~000000127\\
AK3~N01~124~~1\\
AK5~R\\
AK9~R~1~1~1\\
SE~7~0017\\
GE~4~1001\\
IEA~1~000000001\\

Appendix A - EDI Trading Partner Profile

NORTH DAKOTA OFFICE OF STATE TAX COMMISSIONER
 (The following is the Office of State Tax Commissioner's EDI trading partner profile.
 To activate your firm as an EDI trading partner please complete and submit page 2.)

Company Name: *North Dakota Office of State Tax Commissioner*

Business Contact: (individual responsible for business strategy, issues, etc.)

Name: *Joan Galster*

Phone Number: *(701) 328-3139*

Fax Number: *(701) 328-1283*

Address: *600 East Blvd Ave.*

City, State, Zip: *Bismarck, ND 58505-0599*

E-Mail Address: *jgalster@state.nd.us*

EDI Coordinator: (individual responsible for EDI initial implementation, strategy, issues, etc.)

Name: *Kevin Schatz*

Phone Number: *(701) 328-3657*

Fax Number: *(701) 328-1283*

Address: *600 East Blvd Ave.*

City, State, Zip: *Bismarck, ND 58505-0599*

E-Mail Address: *kschatz@state.nd.us*

EDI Technical Contact: (individual responsible for trading partner setup, mapping, day-to-day operations, etc.)

Name: *Kevin Schatz*

Phone Number: *(701) 328-3657*

Fax Number: *(701) 328-1283*

Address: *600 East Blvd Ave.*

City, State, Zip: *Bismarck, ND 58505-0599*

E-Mail Address: *kschatz@state.nd.us*

ISA Interchange Control Header:

Sender Qualifier/ID - (I05 / I06) : *~ZZ~ND0*
 (use "ZZ" as the Qualifier and "ND zero" plus 12 spaces as the Identifier)

Receiver Qualifier/ID - (I07 / I08) : *~ZZ~*
 (use "ZZ" as the Qualifier and "Filer FEIN and Suffix" plus 4 spaces as the Identifier)

GS Functional Group Header:

Sender Application Code - (GS02) : *~ND813050CP~*

Receiver Application Code - (GS03) : *~*
 (use "Filer FEIN and Suffix" as the identification code)

NORTH DAKOTA OFFICE OF STATE TAX COMMISSIONER EDI TRADING PARTNER PROFILE

(The following information is needed to activate your firm as an EDI trading partner with the Office of State Tax Commissioner. See page 1 for the Tax Commissioner's profile.)

Company Name:

Business Contact: (individual responsible for business strategy, issues, etc.)

Name:

Phone Number:

Fax Number:

Address:

City, State, Zip:

E-Mail Address:

EDI Coordinator: (individual responsible for EDI initial implementation, strategy, issues, etc.)

Name:

Phone Number:

Fax Number:

Address:

City, State, Zip:

E-Mail Address:

EDI Technical Contact: (individual responsible for trading partner setup, mapping, day-to-day operations, etc.)

Name:

Phone Number:

Fax Number:

Address:

City, State, Zip:

E-Mail Address:

ISA Interchange Control Header:

Sender Qualifier/ID - (I05 / I06) : ~ZZ~ _____ ~

(use "ZZ" as the Qualifier and "Filer FEIN and Suffix" plus 4 spaces as the Identifier)

Receiver Qualifier/ID - (I07 / I08) : ~ZZ~ND0 ~

(use "ZZ" as the Qualifier and "ND zero" plus 12 spaces as the Identifier)

GS Functional Group Header:

Sender Application Code - (GS02) : ~ _____ ~

(use "Filer FEIN and Suffix" as the identification code)

Receiver Application Code - (GS03) : ~ND813050CP~

Appendix B - Filing Procedures

Questions on Filing Procedures may be referred to NORTH DAKOTA OFFICE OF STATE TAX COMMISSIONER

Contact Name: Kevin Schatz

Phone Number: (701) 328-3657

Fax Number: (701) 328-1283

E-Mail Address: kschatz@state.nd.us

Address: 600 East Blvd Ave.

City, State, Zip: Bismarck, ND 58505-0599

Filers may also reference filing procedures using the following link: www.state.nd.us/taxdpt/fuel/elecfilling/

Appendix C - North Dakota Schedules

Report Type	Schedule Code	Description
Motor Vehicle Fuel	1	Gallons Received in North Dakota - North Dakota Tax Paid
Motor Vehicle Fuel	2	Gallons Received in North Dakota - North Dakota Tax NOT Paid
Motor Vehicle Fuel	3	Gallons Imported into North Dakota by Your Business
Motor Vehicle Fuel	5	Gallons Sold to Retailers for Resale - North Dakota Tax Paid - Loss Allowance Passed on
Motor Vehicle Fuel	5A	Gallons Sold to Retailers for Resale - North Dakota Tax Paid - No Loss Allowance
Motor Vehicle Fuel	5Q	Gallons Used or Sold to Consumers - North Dakota Tax Paid
Motor Vehicle Fuel	6	Gallons Sold in North Dakota - North Dakota Tax NOT Paid
Motor Vehicle Fuel	7	Gallons Exported by Your Business
Motor Vehicle Fuel	8	Gallons Sold to Agencies of the U.S. Government - North Dakota Tax Exempt (or Credit Taken)
Motor Vehicle Fuel	10	Gallons Sold to Native Americans - North Dakota Tax Exempt
Motor Vehicle Fuel	10G	Gallons Sold out of Tax-Paid Inventory
Special Fuel	1	Gallons Received in North Dakota - North Dakota Tax Paid
Special Fuel	2	Gallons Received in North Dakota - North Dakota Tax NOT Paid
Special Fuel	3	Gallons Imported into North Dakota by Your Business
Special Fuel	5	Gallons Sold for Resale - North Dakota Tax Paid
Special Fuel	5Q	Gallons Used or Sold to Consumers - North Dakota \$.21 per Gallon Tax Paid
Special Fuel	5X	Gallons Used or Sold to Consumers - North Dakota 2% Excise Tax Paid
Special Fuel	5Y	Gallons Used or Sold to Railroads - North Dakota 2% Excise Tax Paid
Special Fuel	6	Gallons Sold in North Dakota - North Dakota Tax NOT Paid
Special Fuel	7	Gallons Exported by Your Business
Special Fuel	8	Gallons Sold to Agencies of the U.S. Government - North Dakota Tax Exempt (or Credit Taken)
Special Fuel	10	Gallons Sold to Native Americans - North Dakota Tax Exempt
Special Fuel	10G	Gallons Sold out of Tax-Paid Inventory
Aviation Fuel	1	Gallons Received in North Dakota - North Dakota Tax Paid
Aviation Fuel	2	Gallons Received in North Dakota - North Dakota Tax NOT Paid
Aviation Fuel	3	Gallons Imported into North Dakota by your Business
Aviation Fuel	5	Gallons Sold for Resale - North Dakota Tax Paid
Aviation Fuel	5Q	Gallons Used or Sold to Consumers - North Dakota Tax Paid
Aviation Fuel	6	Gallons Sold in North Dakota - North Dakota Tax NOT Paid
Aviation Fuel	7	Gallons Exported by Your Business
Aviation Fuel	8	Gallons Sold to Agencies of the U.S. Government - North Dakota Tax Exempt (or Credit Taken)
Aviation Fuel	10G	Gallons Sold out of Tax-Paid Inventory
Liquefied Petroleum	2	Gallons Received in North Dakota - North Dakota Tax NOT Paid
Liquefied Petroleum	3	Gallons Imported into North Dakota by Your Business
Liquefied Petroleum	5Q	Gallons Used or Sold to Consumers - North Dakota \$.21 per Gallon Tax Paid
Liquefied Petroleum	5X	Gallons Used or Sold to Consumers - North Dakota 2% Excise Tax Paid
Liquefied Petroleum	6	Gallons Sold in North Dakota for resale- North Dakota Tax NOT Paid

FTA – Motor Fuels Tax Section

Liquefied Petroleum	7	Gallons Exported by Your Business
Liquefied Petroleum	8	Gallons Sold to Agencies of the U.S. Government - North Dakota Tax Exempt (or Credit Taken)
Liquefied Petroleum	10	Gallons Sold to Native Americans - North Dakota Tax Exempt
Terminal Operator	15A	Terminal Operator Schedule of Receipts
Terminal Operator	15B	Terminal Operator Schedule of Disbursements

Appendix D - North Dakota Product Codes

Product Code	Description
054	Propane
065	Gasoline
072	Kerosene - Dyed
091	Waste Oil
122	Blending Components
124	Gasohol
125	Aviation Gasoline
130	Jet Fuel
142	Kerosene - Undyed
152	Heating Oil
160	Diesel Fuel - Undyed
224	Compressed Natural Gas (CNG)
228	Diesel Fuel - Dye added
241	Ethanol-Alcohol
243	Methanol
284	BioDiesel – Undyed (B100)
285	Soy Oil
290	Biodiesel – Dye Added (B100)

Appendix E - Summary Codes / TIA Codes

Summary Code and TIA Code Usage

Summary and TIA codes are used for the following purposes (See complete list of codes below.):

813 Map

1. Header – TIA code 5000 defines the version/publication number of the taxing authority's EC Implementation Guide. TIA code 5001 (Total Net Reported) is a check value for determining if all information is included in the EDI file.
2. TOR – Terminal Operator Report or SDR - Supplier/Distributor Report - TIA code 5002 (Physical Inventory) is used to report Ending and/or Beginning Inventory.
3. SDR – Supplier/Distributor Report – TIA code 5003 (Total Due) is a check value used to acknowledge and validate tax liability or taxable gallons.
4. CCR – Common Carrier Report – TIA code 5004 (Total Net Transported) is a check value used to acknowledge and validate the report.
5. SUM - Summary Code and TIA codes are used for identifying information not found in schedules or able to be derived from the schedules. The SUM loop provides a looping structure allowing multiple TIAs in a uniform format
6. Schedules – TIA 5005 (Net), 5006 (Gross) and 5007 (Billed) are used to report bill of lading volume details or further define summary detail.
7. Summary codes are defined and utilized for both quantity and money. The TIA segment of the summary has elements for both quantity and monetary values.

Summary Codes

S01	Inventory
	S01A Net Gains / Losses
	S01B Casualty Loss
	S01C Product Transfer – Disbursement
	S01D Product Transfer – Receipt
	S01E Meter Test – Disbursement
	S01F Meter Test - Receipt
S02	Taxes / Fees
	S02A Tax
	S02B Transfer / Lust Fee
	S02C Inspection Fee
	S02D Other Environmental Fee
	S02E Gaseous Permit Fee
S03	Credit
	S03A Tax Credit
	S03A01 Collection Allowance (IN – February 2002)
	S03B Fee Credit
	S03B01 Transfer Fee Credit (MO – September 2001)
	S03B02 Inspection Fee Credit (MO – September 2001)
	S03C Allowance
S04	Bad Debt Write-off
	S04A Tax Bad Debt Write-off
	S04B Fee Bad Debt Write-off

S05 General Return

- S05A Gallons/Liters Refined, Distilled or produced
- S05B Petroleum product repackaged into containers of 55 gallons or less
- S05C Ethanol Blended with Gasoline
- S05D Product Delivered
- S05E Other petroleum products first sold, offered for sale, or used in Nebraska
- S05F Total gallons of Motor Vehicle fuel first sold, offered for sale or used in Nebraska.
- S05G Untaxed diesel used in a licensed vehicle
- S05H Kerosene blended with diesel and used in a licensed vehicle
- S05I Other exempt removals (CA – May 2001)
- S05K Sales Price of Taxable Gallons (ND – January 2004)

FTA Uniformity TIA Codes

The data represented by these TIA codes is not derivable from schedules or represents a check value.		
5000	Version of taxing authority's implementation guide	Header
5001	Total Net Reported	Header
5002	Net Physical Inventory	TOR, SDR
5003	Total Due	SDR
5004	Total Net Transported	CCR
5005	Net	SCH, SUM
5006	Gross	SCH, SUM
5007	Billed	SCH, SUM
5008	Interest	SUM
5009	Penalty	SUM
5010	Confidential Information	Header
5011-5199	Not used	

Appendix F - Transaction Type Mode Codes

North Dakota Transaction Type Mode Codes	
Code	Description
B	Barge
J	Truck
R	Railroad
PL	Pipeline
S	Ship
GS	Gas Station
CE	Summary Information

The X12 standard requires 2 characters in the field using this code. When a single character is used, left justify and pad with a space.

Appendix G - USA States, Canadian Provinces/ Territories and Mexican States Codes

United States of America (US) State	Abbreviation	Canadian (CA) Province/Territory	Abbreviation
Alabama	AL	Alberta	AB
Alaska	AK	British Columbia	BC
Arizona	AZ	Manitoba	MB
Arkansas	AR	New Brunswick	NB
California	CA	Newfoundland	NF
Colorado	CO	Northwest Territory	NT
Connecticut	CT	Nova Scotia	NS
Delaware	DE	Nunavut	NU
District of Columbia	DC	Ontario	ON
Florida	FL	Prince Edward Island	PE
Georgia	GA	Quebec	QC
Hawaii	HI	Saskatchewan	SK
Idaho	ID	Yukon Territory	YT
Illinois	IL		
Indiana	IN	Mexican (MX) State	Abbreviation
Iowa	IA	Aguascalientes	AG
Kansas	KS	Baja California	BJ
Kentucky	KY	Baja California Sur	BS
Louisiana	LA	Campeche	CP
Maine	ME	Chiapas	CH
Maryland	MD	Chihuahua	CI
Massachusetts	MA	Coahuila	CU
Michigan	MI	Colima	CL
Minnesota	MN	Distrito Federal	DF
Mississippi	MS	Durango	DG
Missouri	MO	Guanajuato	GJ
Montana	MT	Guerrero	GR
Nebraska	NE	Hidalgo	HG
Nevada	NV	Jalisco	JA
New Hampshire	NH	Mexico	EM
New Jersey	NJ	Michoacan	MH
New Mexico	NM	Morelos	MR
New York	NY	Nayarit	NA
North Carolina	NC	Nuevo Leon	NL
North Dakota	ND	Oaxaca	OA
Ohio	OH	Puebla	PU
Oklahoma	OK	Queretaro	QA
Oregon	OR	Quintana Roo	QR
Pennsylvania	PA	San Luis Potosi	SL
Rhode Island	RI	Sinaloa	SI
South Carolina	SC	Sonora	SO
South Dakota	SD	Tabasco	TA
Tennessee	TN	Tamaulipas	TM
Texas	TX	Tlaxcala	TL
Utah	UT	Veracruz	VZ
Vermont	VT	Yucatan	YC
Virginia	VA	Zacatecas	ZT
Washington	WA		
West Virginia	WV		
Wisconsin	WI		
Wyoming	WY		

Appendix H - E-File Registration

Please see form on following page.



State of North Dakota Office of State Tax Commissioner

Registration Application for Electronic Filing

Taxpayer Information			
Taxpayer Name	Federal ID	Fax Number	
Street or Other Mailing Address	City	State	Zip Code
Business Contact Name and Telephone Number ()	Business Contact E-mail Address		
Technical Contact Name and Telephone Number ()	Technical Contact E-mail Address		
Electronic Filing			
Electronic Filing Forms and Reports (Check all that apply):			
<input type="checkbox"/> Aviation Fuel <input type="checkbox"/> Liquefied Petroleum Gas <input type="checkbox"/> Motor Vehicle Fuel <input type="checkbox"/> Special Fuel <input type="checkbox"/> Terminal Operator			
Agreement to Electronically File			

This agreement is entered into by the Tax Commissioner and the above named taxpayer for purposes of authorizing the taxpayer to electronically file the returns and reports required under North Dakota Century Code chs. 57-43.1, 57-43.2, and 57-43.3.

Taxpayer agrees as follows:

1. The signature of the taxpayer affixed to this agreement shall be deemed to appear on such electronically filed reports or returns, as if actually so appearing. All returns and reports filed electronically pursuant to this agreement are deemed by taxpayer to be truthful, accurate and complete statements made under penalty of perjury.
2. If any person, whose signature appears as the authorized agent of the taxpayer, leaves the employment of the taxpayer or becomes no longer authorized to sign reports or returns for the taxpayer, the Tax Commissioner must be immediately notified of this fact. No taxpayer liable for tax, penalty, or interest shall be relieved of liability with respect to any report or return required to be filed prior to the Tax Commissioner's notification. Taxpayer must execute a new agreement to include the signature of another authorized agent.
3. Taxpayer's electronically filed returns and reports shall be in a form compatible with the Tax Commissioner's equipment, software, and facilities.
4. Taxpayer's electronically filed returns and reports shall be submitted in accordance with the Tax Commissioner's rules and electronic filing standards.
5. Taxpayer shall be responsible for the costs to file its returns and reports electronically to the Tax Commissioner.
6. Any electronic filing not in conformity with the requirements specified herein shall be deemed a failure to file such return or report and taxpayer shall be subject to all applicable penalties prescribed by law.
7. The place of performance of this agreement shall be Bismarck, North Dakota, and the agreement shall be governed by North Dakota law.

Sign Here ➡

Authorized Signature

Date

Title

Telephone Number

Please return this form to: Motor Fuel Tax Section, North Dakota Office of State Tax Commissioner, 600 E. Boulevard Avenue, Bismarck, North Dakota 58505-0599. If you have any questions, call (701) 328-3139.

Appendix I - Amended Returns

What is an amended return?

An amended return is any data reported to the Tax Commissioner that adjusts or corrects an original tax filing.

How should I file an amended return?

The amended should be filed by the same method the original was submitted. For example, if the original was filed by paper, then the amended must be filed by paper. If the original was submitted by EDI, then the amended must be submitted by EDI.

Can I put amendments for different periods in one envelope?

No, amendments for different periods should be submitted in separate envelopes. Each file name carries the period covered of the file so it can be uniquely identified.

What information is needed when filing an Amended return?

Tax Commissioner requires only the amended transaction(s) be filed along with all required summary (TIA) segments regardless of whether or not there has been a change in the summary value. Required Summary values which have not changed should be sent with a zero value. Summary values which have changed should indicate the change in value (If the original return was sent with a penalty of \$15 but the correct value was \$10, the amended return should include a penalty value of -5).

Sometimes our back-office systems process a schedule transaction with a bill of lading date for a prior filing period, but we have already filed that return with the Commissioner's Office. How should we handle these late loads?

You do not have to amend a prior filing period for late loads. Include out-of-period transactions in the current filing period.

Appendix J - Sample EDI Files

Motor Vehicle Fuel Tax Report (SDR)

(Formatted with carriage returns for viewing – in an actual filing, carriage returns would be omitted.)
The Motor Vehicle Fuel Report should be within its own ST/SE loop.

ISA~00~ ~00~ ~ZZ~123456789 ~ZZ~ND0 ~040416~1619~|~00403~000001762~0~T~\
GS~TF~12345678~ND813050CP~20040416~161945~1762~X~004030\
ST~813~2401~1\
BTI~T6~050~47~ND~20040416~FUEL~24~123456789~49~1234~00\
DTM~194~20040430\
TIA~5001~95990~GA\
N1~TP~Fuel Company\
N3~1234 Any Street~P.O. Box 47\
N4~Bismarck~ND~33311~US\
PER~CN~G.C. Smith~TE~2225551111~FX~2225552222~EM~Gen.Contact@FuelCo.com\
PER~EA~E.C. Jones~TE~2225551111~FX~2225552222~EM~EDI.Coord@FuelCo.com\
TFS~T2~SDR\
REF~55~1\
DTM~184~20040430\
TIA~5003~3230.86~95990~GA\
FGS~EI~PG~054\
REF~55~2\
TIA~5002~400~GA\
FGS~EI~PG~065\
REF~55~3\
TIA~5002~300~GA\
TFS~T3~S02C~94~CE\
REF~55~4\
FGS~S\
REF~55~5\
TIA~5005~3.98\
TFS~T3~S03C~94~CE\
REF~55~6\
FGS~S\
REF~55~7\
TIA~5005~66.82\
TFS~T3~S02A~94~CE\
REF~55~8\
FGS~S\
REF~55~9\
TIA~5008~0.00\
TIA~5009~0.00\
TFS~T3~S03A~94~CE\
REF~55~10\
FGS~S\
REF~55~11\
TIA~5005~47.40\
TFS~T3~1~PG~065~94~PL\
REF~55~12\
N1~SF~ND\
N4~MANDAN~ND\
N1~SE~FUELSELLER~24~11133311174\
N1~CA~FUEL CARRIER~24~999999999\
N1~DT~TC~T45ND9999\
FGS~D~BM~150034\
REF~55~13\

DTM~095~20040422\
TIA~5005~~~37000~GA\
TIA~5006~~~37000~GA\
TIA~5007~~~37000~GA\
FGS~D~BM~456371\
REF~55~14\
DTM~095~20040422\
TIA~5005~~~43000~GA\
TIA~5006~~~43000~GA\
TIA~5007~~~43000~GA\
TFS~T3~5~PG~065~94~J\
REF~55~15\
N1~OT~~TC~T45ND9999\
N1~CA~FUEL TRANSPORTER~24~999999999\
N1~BY~BUYER AB~24~12312312370\
N1~ST~ND\
N4~MANDAN~ND\
FGS~D~BM~430023\
REF~55~16\
DTM~095~20040401\
TIA~5005~~~8000~GA\
TIA~5006~~~8000~GA\
TIA~5007~~~8000~GA\
FGS~D~BM~43567\
REF~55~17\
DTM~095~20040401\
TIA~5005~~~7990~GA\
TIA~5006~~~7990~GA\
TIA~5007~~~7990~GA\
SE~79~2401\
GE~1~1762\
IEA~1~000001762\

Motor Vehicle Fuel Tax Report (SDR) – No Activity (Zero Return)

ISA~00~ ~00~ ~ZZ~123456789 ~ZZ~ND0 ~040419~0926~|~00403~000001763~0~T~^\
GS~TF~12345678~ND813050CP~20040419~092700~1763~X~004030\
ST~813~2402~1\
BTI~T6~050~47~ND~20040419~FUEL~24~123456789~49~1234~00\
DTM~194~20040430\
TIA~5001~0~GA\
N1~TP~Fuel Company\
N3~1234 Any Street~P.O. Box 47\
N4~Bismarck~ND~33311~US\
PER~CN~G.C. Smith~TE~2225551111~FX~2225552222~EM~Gen.Contact@FuelCo.com\
PER~EA~E.C. Jones~TE~2225551111~FX~2225552222~EM~EDI.Coord@FuelCo.com\
TFS~T2~SDR\
REF~55~1\
REF~BE~1\
SE~13~2402\
GE~1~1763\
IEA~1~000001763\

Motor Vehicle Fuel Tax Report (SDR) –With Inventory Reconciliation

ISA~00~ ~00~ ~ZZ~123456789 ~ZZ~ND0 ~040506~1347~|~00403~000001781~0~T~^\
 GS~TF~12345678~ND813050CP~20040506~134745~1781~X~004030\
 ST~813~2424~1\
 BTI~T6~050~47~ND~20040506~FUEL~24~123456789~49~1234~00\
 DTM~194~20040630\
 TIA~5001~12418~GA\
 N1~TP~Fuel Company\
 N3~1234 Any Street~P.O. Box 47\
 N4~Bismarck~ND~33311~US\
 PER~EA~G.C. Smith~TE~2223445555~FX~2234234233~EM~Gen.Contact@FuelCo.com\
 PER~CN~E.C. Jones~TE~2223443333~FX~2234234233~EM~EDI.Coord@FuelCo.com\
 TFS~T2~SDR\
 REF~55~1\
 DTM~184~20040630\
 TIA~5003~1091.32~12418~GA\
 TFS~T3~S02C~94~CE\
 REF~55~2\
 FGS~S\
 REF~55~3\
 TIA~5005~0.85\
 TFS~T3~S03C~94~CE\
 REF~55~4\
 FGS~S\
 REF~55~5\
 TIA~5005~14.24\
 TFS~T3~S02A~94~CE\
 REF~55~6\
 FGS~S\
 REF~55~7\
 TIA~5008~0.00\
 TIA~5009~0.00\
 TFS~T3~S01B~PG~065~94~CE\
 REF~55~8\
 FGS~S\
 REF~55~9\
 TIA~5006~1000~GA\
 TFS~T3~S03A~94~CE\
 REF~55~10\
 FGS~S\
 REF~55~11\
 TIA~5005~27.40\
 TFS~T3~1~PG~065~94~J\
 REF~55~12\
 N1~OT~TC~T45ND9999\
 N1~SE~FUELSELLER~24~11133311174\
 N1~CA~FUEL TRANSPORTER~24~999999999\
 N1~DT~TC~T45ND7777\
 FGS~D~BM~341\
 REF~55~13\
 DTM~095~20040612\
 TIA~5005~8000~GA\
 TIA~5006~8010~GA\
 TIA~5007~8000~GA\
 TFS~T3~5~PG~065~94~J\
 REF~55~14\
 N1~OT~TC~T45ND9999\
 N1~CA~FUEL TRANSPORTER~24~999999999

Including the Casualty Loss summary code indicates Gain/Loss Reconciliation. (Format TIA with 0 gallons when there is no casualty loss).

N1~BY~BUYER ABCD~24~23423423400\
N1~ST~ND\
N4~MANDAN~ND\
FGS~D~BM~1558\
REF~55~15\
DTM~095~20040618\
TIA~5005~~~3400~GA\
TIA~5006~~~3408~GA\
TIA~5007~~~3400~GA\
SE~65~2424\
GE~1~1781\
IEA~1~000001781\

Special Fuel Tax Report (SDR)

(Formatted with carriage returns for viewing – in an actual filing, carriage returns would be omitted.)
The Special Fuel Tax Report should be within its own ST/SE loop.

ISA~00~ ~00~ ~ZZ~123456789 ~ZZ~ND0 ~040506~1532~|~00403~000001786~0~T~^\
GS~TF~12345678~ND813050CP~20040506~153247~1786~X~004030\
ST~813~2428~1\
BTI~T6~050~47~ND~20040506~FUEL~24~123456789~49~1230~~~00\
DTM~194~20040630\
TIA~5001~~~46010~GA\
N1~TP~Fuel Company\
N3~1234 Any Street~P.O. Box 47\
N4~Bismarck~ND~33311~US\
PER~EA~G.C. Smith~TE~2223445555~FX~2234234233~EM~Gen.Contact@FuelCo.com\
PER~CN~E.C. Jones~TE~2223443333~FX~2234234233~EM~EDI.Coord@FuelCo.com\
TFS~T2~SDR\
REF~55~1\
DTM~184~20040630\
TIA~5003~1106.40~~46010~GA\
TFS~T3~S02C~~~94~CE\
REF~55~2\
FGS~S\
REF~55~3\
TIA~5005~7.50\
TFS~T3~S03C~~~94~CE\
REF~55~4\
FGS~S\
REF~55~5\
TIA~5005~11.10\
TFS~T3~S02A~~~94~CE\
REF~55~6\
FGS~S\
REF~55~7\
TIA~5008~0.00\
TIA~5009~0.00\
TFS~T3~S01C~PG~160~94~CE\
REF~55~8\
FGS~S\
REF~55~9\
TIA~5006~~~8020~GA\
TFS~T3~S01D~PG~228~94~CE\
REF~55~10\
FGS~S\
REF~55~11\
TIA~5006~~~7990~GA\
TFS~T3~S03A~~~94~CE\
REF~55~12\
FGS~S\
REF~55~13\
TIA~5005~0.00\
TFS~T3~S05K~PG~228~94~CE\
REF~55~14\
FGS~S\
REF~55~15\
TIA~5005~55500.00\
TFS~T3~5X~PG~228~94~R \
REF~55~16\
N1~OT~~TC~T45ND9999\
N1~CA~FUEL CARRIER~24~999999999\

N1~BY~BUYER AB~24~12312312370\
N1~ST~ND\
N4~MANDAN~ND\
FGS~D~BM~78877\
REF~55~17\
DTM~095~20040630\
TIA~5005~~~30000~GA\
TIA~5006~~~30000~GA\
TIA~5007~~~30000~GA\
SE~63~2428\
GE~1~1786\
IEA~1~000001786\

Liquefied Petroleum Gas Tax Report (SDR)

(Formatted with carriage returns for viewing – in an actual filing, carriage returns would be omitted.)
The Liquefied Petroleum Gas Report should be within its own ST/SE loop.

```

ISA~00~      ~00~      ~ZZ~123456789  ~ZZ~ND0      ~040506~1615~|~00403~000001787~0~T~^\
GS~TF~12345678~ND813050CP~20040506~161604~1787~X~004030\
ST~813~2429~1\
BTI~T6~050~47~ND~20040506~FUEL~24~123456789~49~1236~00\
DTM~194~20040630\
TIA~5001~38000~GA\
N1~TP~Fuel Company\
N3~1234 Any Street~P.O. Box 47\
N4~Bismarck~ND~33311~US\
PER~EA~G.C. Smith~TE~2223445555~FX~2234234233~EM~Gen.Contact@FuelCo.com\
PER~CN~E.C. Jones~TE~2223443333~FX~2234234233~EM~EDI.Coord@FuelCo.com\
TFS~T2~SDR\
REF~55~1\
DTM~184~20040630\
TIA~5003~0.00~38000~GA\
FGS~EI~PG~054\
REF~55~2\
TIA~5002~52000~GA\
TFS~T3~S03C~94~CE\
REF~55~3\
FGS~S\
REF~55~4\
TIA~5005~0.00\
TFS~T3~S02A~94~CE\
REF~55~5\
FGS~S\
REF~55~6\
TIA~5008~0.00\
TIA~5009~0.00\
TFS~T3~S03A~94~CE\
REF~55~7\
FGS~S\
REF~55~8\
TIA~5005~0.00\
TFS~T3~3~PG~054~94~R \
REF~55~9\
N1~OT~TC~T39WI9999\
N1~SE~SELLER X~24~55544455575\
N1~CA~FUEL CARRIER~24~999999999\
N1~DT~TC~T45ND9999\
FGS~D~BM~112244\
REF~55~10\
DTM~095~20040614\
TIA~5005~30000~GA\
TIA~5006~30000~GA\
TIA~5007~30000~GA\
TFS~T3~6~PG~054~94~J \
REF~55~11\
N1~OT~TC~T45ND9999\
N1~CA~FUEL TANKERS INC~24~999999999\
N1~BY~BUYER ABC~24~333322211170\
N1~ST~ND\
N4~BISMARCK~ND\
FGS~D~BM~888999\

```

REF~55~12\
DTM~095~20040619\
TIA~5005~~~8000~GA\
TIA~5006~~~8000~GA\
TIA~5007~~~8000~GA\
SE~58~2429\
GE~1~1787\
IEA~1~000001787\

Aviation Fuel Tax Report (SDR)

(Formatted with carriage returns for viewing – in an actual filing, carriage returns would be omitted.)
The Aviation Fuel Report should be within its own ST/SE loop.

ISA~00~ ~00~ ~ZZ~123456789 ~ZZ~ND0 ~040507~0955~|~00403~000001788~0~T~^\
GS~TF~12345678~ND813050CP~20040507~095529~1788~X~004030\
ST~813~2430~1\
BTI~T6~050~47~ND~20040507~FUEL~24~123456789~49~1239~00\
DTM~194~20040630\
TIA~5001~46000~GA\
N1~TP~Fuel Company\
N3~1234 Any Street~P.O. Box 47\
N4~Bismarck~ND~33311~US\
PER~EA~G.C. Smith~TE~2223445555~FX~2234234233~EM~Gen.Contact@FuelCo.com\
PER~CN~E.C. Jones~TE~2223443333~FX~2234234233~EM~EDI.Coord@FuelCo.com\
TFS~T2~SDR\
REF~55~1\
DTM~184~20040630\
TIA~5003~55.67~46000~GA\
FGS~EI~PG~130\
REF~55~2\
TIA~5002~21500~GA\
TFS~T3~S03C~94~CE\
REF~55~3\
FGS~S\
REF~55~4\
TIA~5005~0.00\
TFS~T3~S02A~94~CE\
REF~55~5\
FGS~S\
REF~55~6\
TIA~5008~0.00\
TIA~5009~0.00\
TFS~T3~S03A~94~CE\
REF~55~7\
FGS~S\
REF~55~8\
TIA~5005~55.67\
TFS~T3~1~PG~130~94~R \
REF~55~9\
N1~SF~ND\
N4~BISMARCK~ND\
N1~SE~SELLER X~24~55544455575\
N1~CA~FUEL CARRIER~24~999999999\
N1~DT~TC~T45ND9999\
FGS~D~BM~125\
REF~55~10\
DTM~095~20040603\
TIA~5005~30000~GA\
TIA~5006~30000~GA\
TIA~5007~30000~GA\
TFS~T3~8~PG~130~94~J \
REF~55~11\
N1~OT~TC~T45ND9999\
N1~CA~FUEL TRANSPORTER~24~999999999\
N1~BY~BUYER AB~24~12312312370\
N1~ST~ND\
N4~BISMARCK~ND

FGS~D~BM~127\
REF~55~12\
DTM~095~20040610\
TIA~5005~~~8000~GA\
TIA~5006~~~8000~GA\
TIA~5007~~~8000~GA\
FGS~D~BM~128\
REF~55~13\
DTM~095~20040610\
TIA~5005~~~8000~GA\
TIA~5006~~~8000~GA\
TIA~5007~~~8000~GA\
SE~65~2430\
GE~1~1788\
IEA~1~000001788\

Terminal Operator Report (TOR)

(Formatted with carriage returns for viewing – in an actual filing, carriage returns would be omitted.)

Note: Create one ST-SE loop which will include all Terminals

ISA~00~ ~00~ ~ZZ~123456789 ~ZZ~ND0 ~040506~1448~|~00403~000001782~0~T~^\

GS~TF~12345678~ND813050CP~20040506~144850~1782~X~004030\

ST~813~2425~1\

BTI~T6~050~47~ND~20040506~FUEL~24~123456789~49~1235~00\

DTM~194~20040630\

TIA~5001~54000~GA\

N1~TP~Fuel Company\

N3~1234 Any Street~P.O. Box 47\

N4~Bismarck~ND~33311~US\

PER~EA~G.C. Smith~TE~2223445555~FX~2234234233~EM~Gen.Contact@FuelCo.com\

PER~CN~E.C. Jones~TE~2223443333~FX~2234234233~EM~EDL.Coord@FuelCo.com\

TFS~T2~TOR~TC~T45ND8888\

REF~55~2\

DTM~184~20040630\

FGS~EI~PG~125\

REF~55~3\

TIA~5002~0~GA\

TFS~T2~TOR~TC~T45ND9999\

REF~55~4\

REF~BE~1\

TFS~T3~15A~PG~125~94~PL\

REF~55~5\

N1~OT~TC~T45ND5555\

N1~ON~POSITION HOLDER II~24~77788899973\

N1~CA~FUEL CARRIER~24~999999999\

N1~DT~TC~T45ND8888\

FGS~D~BM~12343\

REF~55~6\

DTM~095~20040622\

TIA~5005~38000~GA\

TIA~5006~38000~GA\

TIA~5007~38000~GA\

TFS~T3~15B~PG~125~94~J\

REF~55~7\

N1~OT~TC~T45ND8888\

N1~ON~POSITION HOLDER I~24~33344433388\

N1~CA~FUEL TRANSPORTER~24~999999999\

N1~BY~BUYER ABCD~24~23423423400\

N1~ST~ND\

N4~BISMARCK~ND\

FGS~D~BM~110022\

REF~55~8\

DTM~095~20040628\

TIA~5005~8000~GA\

TIA~5006~8000~GA\

TIA~5007~8000~GA\

FGS~D~BM~7677\

REF~55~9\

DTM~095~20040628\

TIA~5005~8000~GA\

TIA~5006~8000~GA\

TIA~5007~8000~GA\

SE~51~2425\

GE~1~1782\
IEA~1~000001782\